The University of Southern Mississippi

Undergraduate Bulletin 1983-84

UNDERGRADUATE PROGRAMS

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UNIVERSITY OF SOUTHERN MISSISSIPPI BULLETIN

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SUMMER SESSION 1983

Hattiesburg Campus

Tuesday, May 24
Deadline for making application for admission

Monday, June 6
Registration by appointment - 8:00 a.m. - 6:00 p.m.
Orientation for freshmen and transfer students
Only day to register for full or first term (q) courses without late fee.

6:30
Monday night classes begin

Tuesday, June 7
8:00 a.m.
Classes begin

2:00 p.m.
Late registration begins

Wednesday, June 8
Change of schedule begins

Friday, June 10
Last day for registering or adding first term (q) courses

Wednesday, June 15
Last day for registering or adding full term courses
Last day for dropping first term (q) courses

Monday, July 4
Independence Day Holiday (no day classes)
Monday night classes meet

Wednesday, July 6
Last day for dropping full term courses

Friday, July 8
End of first term (q) courses

Monday, July 11
Registration for second term (qq) courses begin

Thursday, July 14
Last day for registering or adding second term (qq) courses

Tuesday, July 19
Last day for dropping second term (qq) courses

Thursday, August 11
Monday-Wednesday-Friday classes meet this date

Friday, August 12
Last day of regularly scheduled classes

Monday, August 15-
Wednesday, August 17
Examinations as scheduled

Wednesday, August 17
7:30 p.m.
Commencement

CALENDAR FOR FALL SEMESTER 1983

Hattiesburg Campus

Friday, August 5, 1982
Deadline for making application for admission

Saturday, August 27
Dormitories open for students with definite room assignments

Sunday, August 28
Dormitories open for all other students
Registration by appointment begins

Monday, August 29
Registration continues
Orientation for freshmen and transfer students who did not attend summer orientation
Placement tests for new students

Tuesday, August 30
Registration continues

Wednesday, August 31
8:00 a.m.
Classes begin

2:00 p.m.
Late registration begins

6:30-9:15 p.m.
Wednesday night classes will meet

Thursday, September 1
8:00 a.m.
Change of schedule begins

Monday, September 5
6:30-9:15 p.m.
Labor Day Holiday for day classes
Monday night classes will meet

Thursday, September 8
Last day for registering or adding classes

Thursday, October 6
Last day to drop a class without academic penalty

Wednesday, October 19
Midpoint in Fall Semester
End of first term (q) classes

Thursday, October 20
Second term (qq) classes begin

Tuesday, November 22
9:15 p.m.
Thanksgiving Holiday begins

Monday, November 28
8:00 a.m.
Classes resume

Friday, December 9
Last day of regularly scheduled classes

Monday-Friday,
December 12-16
Fall Semester Examinatons

Friday, December 15
Last day to file application for undergraduate and graduate degrees for Spring, 1984 graduation

Saturday, December 17
12:00 noon
Dormitories close for Christmas Holidays

CALENDAR FOR SPRING SEMESTER 1984

Hattiesburg Campus

Friday, December 16,
Deadline for making application for admission

Sunday, January 15
Dormitories open

Monday, January 16
Registration by appointment

Tuesday, January 17
Registration continues

Monday, January 18
8:00 a.m.
Classes begin

2:00 p.m.
Late registration begins

6:30-7:45 p.m.
Monday night classes meet (this week only)

8:00-9:15 p.m.
Wednesday night classes meet (this week only)

Thursday, January 19
Change of schedule begins

6:30-7:45 p.m.
Tuesday night classes meet (this week only)

8:00-9:15 p.m.
Thursday night classes meet (this week only)

Thursday, January 26
Last day to register or add classes

Wednesday, February 22
Last day to drop a class without academic penalty

Tuesday, March 6
Midpoint in Spring Semester
End of first term (q) classes

Wednesday, March 7
Second-term (qq) classes begin

Friday, March 9
6:00 p.m.
Spring vacation begins

Monday, March 19
8:00 a.m.
Classes resume

Friday, March 30
USM Day

Thursday, April 19
9:15 p.m.
Easter Holiday begins

Monday, April 23
6:30 p.m.
Monday night classes meet

Tuesday, April 24
8:00 a.m.
Day classes resume

Friday, May 4
Last day of regularly scheduled classes
Last day to file application for undergraduate and graduate degrees for Summer, 1984, graduation

Monday-Friday,
May 7-11
Spring Semester Examinations

Friday, May 11
Commencement

CALENDAR FOR SUMMER SESSION, 1984

Hattiesburg Campus

Friday, May 18
Deadline for making application for admission

Monday, June 6
Registration by appointment
Orientation for freshmen and transfer students
Only day to register for full-term classes or first-term (q) classes

6:30 p.m.
Monday night classes meet

Tuesday, June 5
8:00 a.m.
Day classes begin

2:00 p.m.
Late registration begins

Wednesday, June 6
Change of schedule begins

Friday, June 8
Last day for registering or adding first-term (q) classes

Wednesday, June 13
Last day for registering or adding full-term classes
Last day for dropping first-term (q) classes

Tuesday, July 3
Last day for dropping full-term classes

Wednesday, July 4
Independence Day Holiday

Friday, July 6
End of first-term (q) classes

6:30-10:00 p.m.
Wednesday night classes meet

Friday, July 6
End of first-term (q) classes

Monday, July 9
Registration for second-term (qq) classes begins

Thursday, July 12
Last day for registering or adding second-term (qq) classes

Tuesday, July 17
Last day for dropping second-term (qq) classes

Thursday, August 9
Monday-Wednesday-Friday (MWF) classes meet this date

Friday, August 10
Last day of regularly scheduled classes

Monday-Wednesday
August 13-15
Summer Session Examinations

Wednesday, August 15
Last day to file application for undergraduate and graduate degrees for Fall, 1984, graduation

7:30 p.m.
Commencement

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GENERAL INFORMATION

Historical

The University of Southern Mississippi was established by an act of the Legislature approved on March 30, 1910, by Governor Edmund F. Noel. Its first name was the Mississippi Normal College, and its original purpose was to train teachers for the rural schools of Mississippi.

The act of March 30, 1910, did not provide any state money for the building of Mississippi Normal College, but did provide that localities in the state might bid for its location by offering land for a site and money for constructing buildings. On September 16, 1910, the Board of Trustees accepted the bid of Hattiesburg and Forrest County to supply $250,000.00 and a free site. That site was west of the city in cut-over timberland with great pine stumps everywhere. Contracts were let to clear the land and to build buildings.

The five permanent buildings (College Hall, Forrest County Hall, Hattiesburg Hall, the Industrial Cottage [now the Honor House] and the President's Home, [now the Alumni House], a temporary wooden Dining Hall, and other necessary improvements were barely finished when the Mississippi Normal College opened on the rainy morning of September 18, 1912, with a president, a faculty of eighteen, and a student body of 200.

On October 17, 1911, Joseph Anderson Cook, Superintendent of School, Columbus, Mississippi, was elected president. The University of Southern Mississippi has had only six presidents during the more than seventy years since its founding. The Board of Trustees elected Claude Bennett president effective October 10, 1928. On April 23, 1933, the Board of Trustees elected Dr. Jennings Burton George as the third president, effective July 1, 1933. On June 13, 1945, the Board of Trustees elected Dr. Robert Cecil Cook as the fourth president and he officially assumed office on July 1, 1945. On October 21, 1954, President Cook submitted his resignation. He served until December 31, 1954, and Dr. Richard Aubrey McLemore became acting president on January 1, 1955. The Board of Trustees, on May 19, 1955, elected Dr. William David McCain as the fifth president. He officially assumed office on August 1, 1955, and retired as of June 30, 1975. Dr. Aubrey Keith Lucas became the sixth president of the University on July 1, 1975.

As has been stated, the University of Southern Mississippi was founded on March 30, 1910, as the Mississippi Normal College. On March 7, 1924, the Legislature changed the name to State Teachers College. On February 8, 1940, the Legislature changed the name to Mississippi Southern College, and on February 27, 1962, the Legislature changed the name to the University of Southern Mississippi.

The Mississippi Normal College did not grant degrees in its early years, but awarded certificates for the completion of certain specified courses of study. On April 8, 1922, the Legislature authorized the awarding of the Bachelor of Science degree. The Bachelor of Music degree was authorized by the Board of Trustees on June 19, 1934. The first Bachelor of Arts degree was awarded on August 20, 1940. On May 26, 1947, the Board of Trustees of State Institutions of Higher Learning authorized the initiation of graduate work and the awarding of the Master of Arts. Doctoral programs were first authorized by the Board of Trustees on May 20, 1959. Numerous other degree programs have been authorized during the past twenty years.

The administrative and academic organization of the University of Southern Mississippi is basic and relatively simple. This reorganization took place in 1982. The Executive Vice President coordinate the offices of the Vice President for Academic Affairs and the Vice President for Researh and Extended Services. The Vice President for Business and Finance is in charge of all financial operations of the University. The Vice President for Student Affairs is responsible for the welfare of the student body, and the Director of Intercollegiate Athletics is in charge of the athletic programs.

The academic area of the University of Southern Mississippi is organized into the College of Business Administration, the College of Education and Psychology, the College of Fine Arts, the College of Liberal Arts, the College of Science and Technology, the Honors College, the School of Health, Physical Education, and Recreation, the School of Home Economics, the School of Library Service, the School of Nursing, the Graduate School of Social Work, the Graduate School, and the Division of Continuing Education and Public Service.

The number of graduates is some measure of the growth of a university. The University of Southern Mississippi has awarded 53,945 degrees since the first one was conferred in 1922.

Research has been strengthened at the University of Southern Mississippi in several ways; the number of doctoral degrees has been increased; the University has established its own scholarly journals *The Southern Quarterly* and *The Education and Psychological Research Journal;* the Computing Center has been equipped to expedite contracts and faculty research; the Office of Research and Sponsored Programs has been established by the University to promote research and to assist faculty members in their research activities; and the University of Southern Mississippi is a participating member of the University Press of Mississippi established on May 1, 1970. For further information on the University's research program, see the **Graduate Bulletin.**

The University of Southern Mississippi was established by the State of Mississippi, is owned by the State of Mississippi, and is operated and financed by the State of Mississippi. Its first Board of Trustees was established by the legislative act of March 30, 1910, and that board governed only this one institution. On February 2, 1932, the Legislature established the Board of Trustees of State Institutions of Higher Learning and placed under its jurisdiction the five colleges and one university owned and operated by the state. On November 3, 1942, the people of the state voted to make the Board of Trustees of State Institutions of Higher Learning a constitutional board for all colleges and universities of the state. The University of Southern Mississippi is now operated under the jurisdiction of that constitutional board.

Beginning the Fall Quarter, 1972, credit was awarded in terms of semester rather than the traditional quarter hours although the University continued to operate on a quarter calendar, thus regularizing the credit system throughout the state's university system. Beginning with the Fall Term, 1978, the University changed to the regular semester system.

UNIVERSITY MISSION AND GOAL

The University of Southern Mississippi, located in the south central part of the state, is operated by the State of Mississippi as one of eight public universities. The University identifies its primary service area as the southern half of the state, although as a university, it is committed to serve the entire state with programs and services not available from other public educational institutions, with programs and services in which the University has specialized expertise, and with programs and services where the University is uniquely organized to fulfill existing needs. The University also believes that it should serve residents of other states and areas as far as possible within the limits of the law, financial resources, and physical facilities, and the University accepts the principle that a student body with divergent backgrounds is often desirable in creating an educational environment. In this belief and acceptance, the University sees itself as a regional institution.

However, while the University feels that it is accountable to all of its clientele for the highest quality possible in its programs and services, it acknowledges that by virtue of its being a state institution, it ultimately is responsible to the citizens of the State of Mississippi, their duly elected representatives, and their appointed representatives of legally constituted agencies.

THE PURPOSES OF THE UNIVERSITY

The fundamental purposes of the University of Southern Mississippi may be examined in terms of its major functions; teaching, research, and service.

TEACHING

The broad area of teaching in all of its facets is, and shall continue to be, the primary purpose of the University. The administration, faculty, students, and general public must continually reaffirm this purpose as having the highest priority. Teaching must not only provide appropriate learning experiences, but also must motivate students to learn. The University recognizes that teaching must serve the needs of both individuals and society.

A. Individual Needs

1. To encourage learning based on rational inquiry, problem solving, challenge, creativity, and intellectual initiative;
2. To increase understanding and appreciation of the traditional, liberal and cultural areas of human knowledge and experience;
3. To increase understanding of the applications of learning to further career goals;

B. Societal Needs
   1. To prepare citizens who are capable of observing, understanding and participating in society, and who can effectively challenge as well as support its activities and practices;
   2. To prepare citizens who will actively endorse and practice the highest ideals of personal and professional integrity and competence;
   3. To prepare citizens who can perform tasks needed by the society and pursue careers that are beneficial both to the individual and society.

The teaching function of the University can be expressed in terms of expected student outcomes. It is expected, as a result of the teaching of the University, that students should achieve the following competencies:

1. Knowledge of various kinds and insight into how to expand that knowledge and how to use it;
2. Mastery of the skills of communication;
3. Awareness of personal values, the values of others, and the interaction between the two;
4. Ability to work with others in study, in problem solving, and in various tasks undertaken;
5. Awareness of and interest in current events, issues, and problems;
6. Awareness of the desire to fulfill obligations and responsibilities as citizens in a democratic society;
7. Understanding and appreciation of the humanistic ideals implicit in a university education;
8. Career preparation that will qualify them for a useful and profitable role in society.

RESEARCH

Research is an important and vital function of the University. The University of Southern Mississippi affirms its importance and sees the role of research, both basic and applied, as an integral part of teaching. It should discover, extend, amplify, refine, and communicate knowledge. It provides motivation for learning; fosters a contemporary learning environment; and, in so doing, improves the learning experiences. It further complements teaching by providing depth, breadth, and application to the learning processes. To fulfill this purpose, the University feels that its research efforts must:

1. Contribute to the knowledge of man and to the teaching of man by the discovery, preservation, and dissemination of new knowledge;
2. Contribute to the knowledge of man and to the teaching of man by the extension, amplification, refinement, preservation, and dissemination of existing knowledge;
3. Provide students with opportunities to develop an appreciation of research and to learn the methodology of and application of research consistent with their chosen areas of specialization and career goals.

SERVICE

The service function of the University should seek to incorporate its resources of knowledge, skills, and artistry into the mainstream of the society it serves; the University, through service, can become a viable influence toward enhancing the quality of the lives and life-long pursuits of its constituency. It shall attempt to fulfill this commitment by:

1. Providing, through continuing education programs, opportunities for independent study, special interests, informal educational activities, and formal educational experiences within conventional degree programs;
2. Providing for its clientele the acquisition and maintenance of the skills necessary to adjust to the rapidity of changes in the business and professional fields as well as in society in general;
3. Utilizing the unique resources of the University in developing new processes through which communities may develop more adequate patterns and mechanisms for building a quality environment;
4. Supplying the educational bridge between the University and the citizens of Mississippi by providing opportunities to Mississippians for their personal and professional growth and making the skills of research available for the rapid solution of local, state, and national problems.

In order for the University to realize its purposes within its unique setting, the following commitments will be necessary:

1. To select faculty, undergraduate and graduate, primarily for its interest and expertise in high quality instruction but also for its interest in and ability to accomplish significant research and service;
2. To increase focus and attention upon the individual student;
3. To provide all necessary materials and equipment which will facilitate and expand personalized instruction;
4. To initiate and maintain a high degree of student motivation for learning;
5. To communicate values and to maintain balance between cognitive and affective learning;
6. To examine critically and systematically curricula, courses, course content, and methods, both at undergraduate and graduate levels, in order to determine if the needs and demands of our rapidly changing society are being met;
7. To coordinate the curricula of the University to avoid duplication and provide means for interdisciplinary instruction both at the undergraduate and graduate level;
8. To accumulate knowledge through personal and sponsored research done by undergraduate, graduate, advanced graduate students, and the faculty;
9. To emphasize the importance of producing, publishing, and utilizing knowledge gained through research;
10. To direct research activities which are oriented toward instruction and service;
11. To provide services to non-academic communities which are reasonable and practical extensions of instruction and research;
12. To maintain balance between the services provided and the basic education components of the University;
13. To improve relationships between the academic and nonacademic communities through the services provided;
14. To provide those students and activities that are needed by students to attain desired educational outcomes and by the University to create and sustain an exciting, stimulating, and significant educational environment;
15. To provide coordination of effort and efficiency of operation within all areas of the University;
16. To provide the best library, laboratory, studio, and museum services possible within the resources of the University;
17. To provide physical facilities that will not only meet the academic and administrative needs of the University but will contribute to a proper educational environment;
18. To seek the financial support necessary for fulfilling the mission of the University at the lowest possible cost to students without sacrificing quality;
19. To make available quality graduate education in keeping with the role and nature of the University;
20. To provide an environment which encourages cultural aesthetic development;
21. To provide educational experiences in the arts and sciences.
22. To continue the strong emphasis on career education.

SOUTHERN CENTER FOR RESEARCH AND INNOVATION

William G. Brundage
Executive Director

The Center is a non-profit corporation designed for the purpose of developing a program of research and innovation that will assist the University in carrying out its goals of teaching, research, and public service by fostering regional economic growth, through the creation of new businesses, jobs, and an enhanced tax base for the region and state. This Center represents a joint endeavor between the University, Forrest County, Jones County, and the private sector. The Center is located in the Terminal Building at the Pine Belt Regional Air Port.

CAREER DEVELOPMENT CENTER

Career guidance can be defined as the process of assisting an individual to choose, prepare for, enter, and advance in a vocation. The following services are designed to assist individuals at any level of their career growth process:

Career Counseling—The goal of the career counselor is to help the individual make the best possible career and educational choices with the maximum information available. In career counseling, data from vocational assessment, the person's past experience, and the career library are combined to expand the individual's awareness of his/her areas of interest. Although the counselor utilizes and organizes information for the person and may interpret results from vocational assessment, responsibility for making vocational decisions always rests with the individual.

Individual Vocational Testing—Research evidence indicates that different occupations tend to attract different types of people in regard to interests, skills, abilities, and personal orientation. One purpose of vocational assessment is to help the individual identify possible vocational choices that would best meet his/her need needs and qualifications. Another purpose would be to help the individual compare himself/herself, in regard to many variables, with people in general, as well as with people in different occupational groups. Of ultimate value is enhancing knowledge of self to promote a better understanding of the merging of self and the world of work in order to further an individual's decision-making process in terms of career choice. Areas which may be assessed are intellectual abilities, educational interests, vocational interests, personality variables and values.

Career Information Library—A massive collection of current career-related materials pertaining to a wide range of career fields. Types of information available follow: job descriptions; places offering employment; necessary training and other qualification; advancement opportunities; employment outlook (immediate and long-term); expected salaries; working conditions; schools and organizations offering training; scholarships; grants and other available financial aid programs.

Job Finding Skill Development (Resume Preparation and Job Interviewing)Courses are offered to develop skills needed to secure employemnt. Benefits include discussion, role playing, feedback, and special handouts including sample resumes, sample cover letters, sample follow-up letters, interviewing tips and admonitions, sample list of questions interviewers often ask, worksheets to begin composing resumes, etc.

The services of the Career Development Center are available by contacting in person, by telephone, or by mail:

Career Development Center
Southern Station, Box 5112
Hattiesburg, Mississippi 39406-5112
Phone: 266-4848

ADULT SERVICES PROGRAM

The Adult Services Program is a component of the Career Development Center. Services offered to the adult student are career counseling, individual vocational testing, the career information library, job finding skill development, and academic advisement. The Adult Services Program allows adults the opportunity to examine their specific needs in regard to careers and academic planning.

The program coordinator serves as academic adviser for non-degree students, as well as a resource person for all adult students. Services are free to students, faculty, staff, and the community. For information write or call:

The Coordinator of Adult Services
Southern Station Box 5112,
Hattiesburg, Miss. 39406-5112
Phone: 226-4848

COOPERATIVE EDUCATION

The Cooperative Education Program affords the student the opportunity to gain a complete education by alternating periods of academic study with periods of work related to the student's major. The Cooperative Education Office assists in securing meaningful

jobs that will give the student practical work experience and financial support to aid in his education. The basic qualifications for the Co-op Program are as follows:

a. The student must maintain at least 2.50 GPA.
b. The student must attend USM or a regional campus at least one semester prior to his placement.
c. The student must agree to work alternating semesters.

A student is eligible to enter the program at any time during his career at USM. Transfer students who have been in a co-op program with another university may transfer into the USM program and maintain their original job.

Salaries of co-op students vary depending on the type of degree they are pursuing and the amount of co-op experience a student has. The median salary during the 1981-1982 school term was estimated at $850.00 per month.

The Office of Cooperative Education will determine the eligibilty of students to participate in the program and screen their placement. Each student's record of performance will be periodically reviewed, once an active participant, and he or she may be placed on probation or removed from the program when not meeting minimum requirements.

Academic credit for work assignment will be determined by the student's major department and is not necessarily a part of the program.

For additional information, contact the:

Cooperative Education Coordinator
Southern Station, Box 5112
Hattiesburg, Mississippi 39406-5112
Telephone (601) 266-4844

CENTER FOR INTERNATIONAL EDUCATION

An administrative entity under the Office of the Vice-President for Administration and Extended Services, the Center for International Education administers all programs bringing international students to the United States and coordinates all programs carrying American students abroad for academic credit. In addition, the Center strives to promote a spirit of internationalism on the USM campuses, to assist academic departments in the internationalization of curriculum, to encouurage student, faculty, and library development in the international sphere, and to assist business and government in projects of an international nature.

The Center is composed of four components: the English Language Institute, the Office of International Student Admissions and Advisement, the Office of International Studies, and the Institute of Anglo-American Studies.

General Inquiries relating to international education should be directed to:

Professor William Banks Taylor, Head
Center for International Education
University of Southern Mississippi
Southern Station, Box 5151
Hattiesburg, MS 39406-5151
U.S.A.

ENGLISH LANGUAGE INSTITUTE. The English Language Institute was founded in 1947. Since its founding, the Institute has provided intensive language instruction to international students wishing to learn English or to improve their knowledge of the language. Today, the Institute is among the oldest and largest language institutes in the United States; since 1977, some 7,000 students from forty coutries have studied at the ELI.

The Institute's language programs are of two kinds, regular and specialized. The regular intensive program begins in early September and concludes in late July each year. Within this calendar are five, eight-week sessions affording students a cultural orientation, general assistance in adjusting to their new surroundings, and four levels of study. Classification tests, given on the first day of registration, determine the level at which a student is placed. Classes with emphasis in English grammar, vocabulary, writing, and reading are offered at every level, although the exact program varies slightly with students' needs as they progress. Progression from one level to another is based on a graded series of achievement tests and on faculty approval. The Michigan Test of English Language Proficiency is given at the end of each session to levels III and IV. In conjunction with this test, the ELI offers a composition test and a fluency test designed to measure a student's active language proficiency.

More advanced students may choose part of their program of study and may avail themselves of short courses offered within each eight-week session. These short courses include TOEFL Preparation, English for Business, and English for Science and Technology. Qualified advanced students also may sit in on regular University classes.

In addition to classroom instruction, there are two language laboratories, one monitored for assigned classes and the other open to students who desire to improve their listening comprehension on an independent basis. There is also a conversational tutor program which offers students an opportunity to use English informally with a native speaker. Activities such as homestays and professional visits are organized for those students who are interested. The Institute also offers the institutional TOEFL three times each year, and the staff of the Center for International Education affords students assistance in choosing, and applying to, colleges and universities.

The specialized courses offered by the Institute each year include two, four-week sessions in England, one in April and one beginning in mid-August and concluding in mid-September. These sessions are designed to accommodate the student of international intensive English and provide excursions, cultural activities, and a course of intensive language instruction under British, Australian, and North American teachers. Students are housed in central London at a University of London hall of residence.

Also offered annually are two-week and four-week conversation/culture courses in Hattiesburg providing classroom instruction, guest speakers from various walks of American society, excursions, and visits with American families; a two-week immersion course at the University's beautiful Gulf Park Campus; and four-week International Business English courses designed for the international business person and offered in collaboration with the Southern Center for Research and Innovation. Other specialized courses are offered from time to time so as to meet the specific needs of the international community.

The Institute employs professional educators with an average of six years of teaching experience in English as a second language. All of the faculty are native speakers, 90 percent of them hold master's degrees or doctorates, and many faculty members have traveled and studied abroad.

The English Language Institute is authorized under Federal law to enroll non-immigrant alien students between the ages of 17 and 70. Applicants are required to complete all items on the application form. Upon receipt and approval of a student's application, the Immigration Officer of the Center for International Education will mail a certificate of eligibilty (Form I-20) to the prospective student, thus enabling the student to apply for a Student Visa at the nearest United States Consulate. Information concerning travel to the USA may be obtained either from the English Language Institute or from airline offices or agents in the respective countries.

For futher information, write to:

Admissions Officer
English Language Institute
Center for International Education
University of Southern Mississippi
Southern Station, Box 5065
Hattiesburg, MS 39406-5065
U.S.A.

OFFICE OF INTERNATIONAL STUDENT ADMISSIONS AND ADVISEMENT. The Office of International Student Admissions and Advisement processes applications and all relevant materials and immigration documents for non-immigrant foreign nationals desiring admission to the University as undergraduate and graduate students. Administered by the CIE Director of Internal Affairs, the Office also provides advisement and general assistance to international students attending the University as well as counseling relative to transfers to other colleges and universities.

For further information, write to:

International Student Admissions Officer
Center for International Education
University of Southern Mississippi
Southern Station, Box 5151
Hattiesburg, MS 39406-5151
U.S.A.

OFFICE OF INTERNATIONAL STUDIES. The Office of International Studies coordinates all USM courses offered abroad for academic credit. As the coordinating agency, the Office encourages international programming, assists academic departments in international program development, arranges proper communication within the University, assures the academic integrity of international programs (as defined by the Academic and Graduate councils), and collaborates with the Division of Continuing Education and Public Service in providing administrative and logistical support.

In addition, the Office encourages and administers student and faculty exchanges with universities abroad, assists academic departments in bringing international scholars to the USM campuses as visiting professors, collaborates with the USM Financial Aid Office in securing financial aid for study abroad, and provides general assistance to students and faculty members wishing to study abroad independently.

For further information, write to:

Director
Office of International Studies
Center for International Education
University of Southern Mississippi
Southern Station, Box 5151
Hattiesburg, MS 39406-5151
U.S.A.

INSTITUTE OF ANGLO-AMERICAN STUDIES. The Institute of Anglo-American Studies exists to promote a more profound understanding of Anglo-American culture among students and faculty through scholarly activities in both the United Kingdom and the United States. These activities include the sponsorship of scholarly publication, faculty and student exchanges with British universites, library development, an academic semester abroad and a year abroad program for American students at the University of Essex, and an annual summer term at the University of London and other British institutions of higher learning offered in collaboration with the University of South Alabama and directed by the CIE Office of International Studies. The summer term in Britain offers residential credit hours in a large number of academic disciplines and provides participants with supervised research in the libraries of metropolitan London and lectures by eminent British scholars and public figures. The summer term is offered at extremely low cost, and a limited number of partial scholarships are available.

The Institute is governed by a council composed of representatives from the academic disciplines which participate in its diverse activities. For the 1981-1982 academic year, these disciplines included the Honors College, the School of Library Service, and the Departments of Counseling Psychology and Counselor Education, Criminal Justice, Economics, English, Finance, History, Management, Marketing, Philosophy, Political Science, Psychology, Radio, Television, and Film, Sociology, and Speech and Hearing Science.

For futher information, write to:

Director
Institute of Anglo-American Studies
Center for International Education
University of Southern Mississippi
Southern Station, Box 5151
Hattiesburg, MS 39406-5151
U.S.A.

UNIVERSITY PRESS OF MISSISSIPPI

The University Press of Mississippi was founded in 1970 to encourage the dissemination of the fruits of research and study through the publication of scholarly works. Functioning as the scholarly publishing arm of the state-supported universities in Mississippi, the University Press is governed by a Board of Directors made up of one representative from each of the eight state universities, one representative from the Board of Trustees of State Institutions of Higher Learning, and the director of the Press.

The University Press publishes between ten and twenty books each year. Primary areas of interest are Mississippi history and literature, but manuscripts in all areas of study are welcomed.

Administrative offices of the University Press are located in the Education and Research Center of Mississippi, 3825 Ridgewood Road, Jackson, Mississippi.

ADMISSION REQUIREMENTS AND PROCEDURES

ALL COMMUNICATIONS regarding entrance to the undergraduate colleges and schools of the University should be addressed to the Director of Admissions, University of Southern Mississippi, Southern Station, Box 5011, Hattiesburg, Miss. 39406-5011.

Eligibility for admission cannot be determined until the application, ACT score, and scholastic records have been submitted. These items should be received before the deadline date of the semester for which the student is applying (see Calendar). The academic record, character, and conditions of application of the applicant must be in accordance with the rules and regulations of the Board of Trustees of State Institutions of Higher Learning and with the laws of the State of Mississippi. The applicant must have excellent moral character and must be willing to conduct his or her affairs so as to be a credit to the University. The University reserves the right to cancel the admission or registration of an individual whose attendance at the University, in the opinion of the appropriate administrative officer and the President, would not be mutually beneficial to himself and to the institution. Any undergraduate applicant who is denied admission to the University may have his case reviewed by the Undergraduate Committee for Admissions and Credits. To initiate the review procedure, the student should contact the Director of Admissions. Applicants should note carefully the law governing legal residence and the penalty for falsifying residence information, The law appears in the STUDENT EXPENSES Section of this **Bulletin. The University of Southern Mississippi does not discriminate on grounds of sex, race, color, religion, or national origin. These provisions also apply to handicapped individuals pursuant to current federal and state regulations subject to reasonable standards of admission and employment. All inquiries concerning discrimination should be referred to The President's Executive Assistant, Room 106, Administration Building, University of Southern Mississippi, Hattiesburg, Mississippi.**

ADVISEMENT

All new students are assigned to academic advisers and are given specific times to meet with their advisers for assistance in scheduling classes and planning programs of study to meet their individual needs. Assignment of advisers is based on the student's stated educational or career plans.Those students who have not established definite educational or career plans are assigned to counselors in the Office of Special Academic Services. The Office of Special Academic Services provides a continuing program of academic and career counseling for all students and prospective students of the University.

ORIENTATION AND PREREGISTRATION: FALL SEMESTER

New fall freshmen and transfer students entering the University of Southern Mississippi are encouraged to participate in the summer orientation program, Mini Quarter. The orientation programs are designed to acquaint students with University structure, policies, procedures, physical layout, faculty, students, organizations, and academic programs. Activities scheduled during the program include: evaluation of credit for transfer students, placement testing, academic advisement, small group sessions, open house for sororities, fraternities, and religious organizations, scheduling classes, and registration. Students will pay fees upon return in the fall.

Parents of freshmen are also invited to attend the summer orientation program. Special sessions are planned for parents which include Universityy policies on finances, housing, student activities, educational and recreational opportunities, and academic programs. Panel discussions are planned for parents on current campus life.

APPLICATION PROCEDURES FOR FRESHMEN

HOW TO APPLY

Each freshman applicant is required to:

1. Present an application for admission.
2. Have ACT scores sent to the Director of Admissions. The applicant should have a composite standard score of fifteen (15). For exceptions see information related to transfer students and non-degree students. Freshman applicants desiring to enter the School of Nursing must have an ACT composite standard score of eighteen

(18). Those applicants whose scores are less than eighteen (18), but who meet the minimum University entrance requirement of a composite standard score of fifteen (15), may request admission to the School of Nursing after completing the first year nursing curriculum with a grade of C in each of the natural, behavioral, and social sciences, and achieving an overall grade point average of 2.50 on a 4.0 scale.

3. Provide evidence that he has graduated from high school. Each freshman applicant must request that his high school send an official transcript of his record reflecting the date of graduation to the Director of Admissions.

When the applications, transcript, and ACT results have been received, the Office of Admissions will send to the applicant notice of eligibility or ineligibility for admission. When the student applies early in his senior year, a notice of eligibility is issued as soon as processing is completed. This preliminary notice is all that the student needs for planning purposes, subject only to completion of his high school program.

WHEN TO APPLY

A high school student, especially one who also is applying for financial aid, is urged to apply for admission and financial aid early in his senior year. The applicant should have his high school mail to the Director of Admissions a transcript complete for his first six semesters. A student who applies during his final senior semester should provide a transcript complete for the first seven semesters. The deadline for receipt of applications and all required credentials, including results of the American College Test, is twenty (20) days in advance of the session for which the application is being made. An application is processed as soon as possible after all required items are available. A notification of admission is then issued to the admissable student.

EARLY ADMISSION

The University will admit a limited number of highly qualified applicants after completion of the junior year of high school. To be considered for early admission, the applicant must have achieved an exceptional record on a minimum of fifteen (15) units in an accredited high school, have the unqualified recommendation of his principal or headmaster, and have achieved a score of twenty-three (23) on the American College Test. A personal interview with the Director of Admissions is required before a decision is made.

ADMISSION BY EXAMINATION

A student who has not been graduated from high school may be admitted if he achieves a standard score of forty (40) on each of the five tests or an average standard score of forty-five (45) on all five tests of the high-school level General Educational Development Tests and meets all other University requirements. The University does not award credit for the General Educational Development Tests, College Level.

TRANSFER STUDENTS

HOW TO APPLY

Each new student who has attended other colleges or universities and who is seeking admission to an undergraduate college or school is required to file with the Office of Admissions an application for admission (form to be obtained from that office). He should also request the authorities at each institution attended to send an official transcript of his record to the Director of Admissions. The student who is applying with fewer than twelve (12) semester hours of college credit acceptable by this University must also have sent to the Director of Admissions his official scores on the American College Test. No application will be processed until all required items, including the ACT where applicable, are on file. Any exceptions must be approved by the Director of Admissions (see Non-Degree Students).

A student currently enrolled in another institution at the time he makes application and applies for admission for the following session to one of the undergraduate colleges or schools of this University should arrange to have forwarded to the Director of Admissions an official transcript which includes a listing of courses in progress as well as all completed

work. Transfer credit is accepted only from the institutions of higher learning which are accredited by a regional accrediting agency or the Mississippi Association of Colleges. Students entering from non-accredited institutions will be accepted as guest students for one semester (12 hours); at the end of that semester their status will be determined on the basis of their performance at the University of Southern Mississippi.

The student must indicate on the application all previous college attendance. An applicant is not permitted to ignore previous college attendance or enrollment. A student found guilty of non-disclosure or misrepresentation in filling out the admission application form, or a student who finds after admission or enrollment that he is ineligible for academic or any other reason to return to his last institution and who fails to report this immediately to the Admissions Office, will be subject to disciplinary action, including possible dismissal from the University.

REQUIREMENTS FOR SCHOOL OF NURSING

Transfer students desiring admission to the School of Nursing must have their ACT scores sent to the Director of Admissions in addition to the other information required of transfer students. To be admitted to the School of Nursing, the student must present an ACT composite standard score of at least eighteen (18) and an overall grade point average of 2.0 on all college courses attempted. Transfer students who do not meet the above admission requirements may be admitted to the School of Nursing provided they have completed all the courses required in the first year of the nursing curriculum with no less than a C in each of the natural, behavioral, and social science courses and have an overall quality (grade) point average of 2.50 on all work attempted prior to admission to the nursing program. Students who do not meet any of the above requirements, but who do meet minimum entrance requirements for admission to the University, may request admission to the School of Nursing after achieving the required overall grade point average and completing with a grade of C each of the natural, behavioral, and social sciences required in the first year nursing curriculum.

WHEN TO APPLY

The application, required credentials, and the ACT results (when applicable) must be on file in the Admissions Office not less than twenty (20) days in advance of the session for which application is being made.

ADMISSION PROCEDURE

When the application, all required credentials, and the ACT results (if applicable) have been received, the Office of Admissions will send to the applicant a notice of eligibility, or ineligibility, for admission.

An evaluation of the transferred credit will be completed as soon as possible after the admission has been determined. If the student receives his evaluation prior to registration, he should retain it for use during advisement. If he does not receive his evaluation prior to registration, he should contact the Admissions Office as soon as possible after his arrival on campus.

REGULATIONS

The University requires a grade average of C in all previous college work. The applications of students whose records do not meet the indicated requirements may be subject to review by the Director of Admissions or the Admissions and Credits Committee.

A student under academic suspension from another college or university may not enter the University of Southern Mississippi during the term of his suspension. Upon termination of the suspension period there is no bar to admission, if he is eligible in other ways.

In general, students under disciplinary suspension are not admitted to the University of Southern Mississippi.

Students from fully accredited institutions ordinarily will be given full credit for work transferred into the University, insofar as the courses taken are the same as, or equivalent to, courses offered in the college in which the student enrolls in this institution.

Credits transferred from an accredited junior college will be accepted as determined by the college or school in which the student is enrolled. In accepting junior college credits, no courses will be considered as above sophomore level. Credit earned in institutions which have not been fully accredited is usually accepted on the same basis as by the state university of the state in which the institution is situated. When acceptance of credit on a validation basis is indicated, the student will be required to validate such credit by at least a 2.0 index on his first 12 semester hours of residency study here. Where it seems proper, examinations for the validation of credit may be required.

TRANSFER CREDITS

Credits transferred from accredited institutions are reproduced on the permanent records of the University of Southern Mississippi. This action is evidence that the credits are considered valid. **Validity,** however, is not to be confused with acceptability or applicability.

Applicability of transfer work depends upon the coincidence of transfer credits with the requirements of a particular curriculum. **Applicability** varies from curriculum to curriculum, not only for transfer students from other institutions but for students transferring from one school or curriculum to another within the University of Southern Mississippi. In either case the upper limit of the number of applicable credits is the number of accepted credits. **Applicability** is determined by the dean of the college or school to which one is admitted.

Transfer hours passed will be accepted. To meet graduation requirements transfer students must have an overall **C** average, calculated by the method currently in use at the University of Southern Mississippi, on all hours scheduled and rescheduled at all institutions attended, including the University of Southern Mississippi. Excessive quality points earned at other institutions cannot be used to offset any deficiencies at the University of Southern Mississippi. **Acceptance of junior college work is limited to one-half of the total requirements for graduation in a given curriculum. The last half of the total hours applied toward graduation must be earned in a senior college.** (See also "Graduation and Degree.")

A maximum of sixty-four (64) semester hours of credit earned through Credit by Examination, independent study courses, extension courses, and educational experiences in the armed forces combined may be counted toward a degree at the University of Southern Mississippi. No more than thirty-two (32) semester hours in a degree program may be earned through Credit by Examination.

Credit will not be granted for college courses carried at another institution of college level when a student is enrolled for residence credit in this University except upon prior written approval of the dean of the college or school in which the student is enrolled.

ACCEPTANCE OF MILITARY CREDIT

1. The General Educational Development Tests at the High School Level are accepted in lieu of a high school diploma. The University does not award credit for the General Educational Development Tests, College Level.
2. Credit for military schools and educational experiences in the armed forces is awarded on the basis of recommendations of the American Council on Education.
3. Correspondence and/or extension courses, including USAFI/DANTES college level courses, may be applied toward a degree up to a maximum of thirty-two (32) semester hours. No more than nine (9) semester hours of correspondence (USAFI) work may be earned in any one field.
4. Credit from the Community College of the Air Force is accepted toward a degree.
5. A maximum of sixty-four (64) semester hours of credit earned by independent study, extension, and military experience combined may be applied toward a degree.

REQUIREMENTS FOR MILITARY PERSONNEL: THE BOOTSTRAP PROGRAM

Military personnel on active duty who attend the University on the Bootstrap Program may complete degree requirements with thirty (30) semester hours of work on the Hattiesburg Campus, providing all other degree requirements have been fulfilled. This amount of work may be done in two semesters.

In order to receive an official evaluation of credits to determine eligibility for Bootstrap attendance, the following educational credentials must be forwarded:

1. A properly executed military Form DD295.
2. Official transcripts bearing the raised seal from each institution where credit has been earned.
3. Official transcripts and CLEP scores for courses completed through the United States Armed Forces Institute, Madison, Wisconsin.
4. Official high school transcript.
5. An application for admission should be submitted with the request for an evaluation.

All documents and correspondence should be directed to:

The Coordinator of Armed Forces Education
University of Southern Mississippi
Southern Station, Box 5011
Hattiesburg, Mississippi 39406-5011

NON-DEGREE STUDENTS

WHO MAY APPLY

For the adult who wishes to complete certain specific undergraduate courses and not pursue a degree, the Director of Admissions may grant that person non-degree status provided the applicant meets these conditions:

a. Has a high school diploma or its equivalent
b. Is at least 21 years of age.

REGULATIONS GOVERNING NON-DEGREE STUDENTS

Previous academic records are required of all applicants. Applicants for non-degree status are required to certify that they are not under suspension from any college or university. A student found guilty of non-disclosure or misrepresentation in filling out the admission application form, or a student who finds after admission or enrollment that he is ineligible for academic or any other reason to return to his last institution and who fails to report this immediately to the Admissions Office, will be subject to disciplinary action, including possible dismissal from the University.

The student registered in non-degree status is subject to all University regulations governing registration, attendance, and academic standing. Credit earned in non-degree status is recorded on the student's permanent record and may be applied in an undergraduate degree program when the student has satisfactorily established degree status by meeting the entrance requirements of the University and of the degree-granting college or school of his choice. A non-degree student may not register for more than twelve (12) semester hours per semester.

It is not the policy of the University to permit students from other countries who are in the United States on a student visa to register in non-degree status.

THIRTY-HOUR LIMITATION ON NON-DEGREE STATUS

A student is permitted to earn a maximum of thirty (30) semester hours of credit in non-degree status. No undergraduate college or school of the University will accept in a degree program in excess of thirty (30) semester hours earned while the student has been registered in non-degree status, nor is a college or school obligated to accept any hours earned in non-degree status which do not fulfill college or school degree requirements. The student who is approaching the thirty (30) hour limitation in non-degree status, if he wishes to continue taking courses for credit, should consult the Admissions Office concerning procedures required to establish regular degree status.

Non-degree students applying for regular status are required to follow admission procedures and to provide all items requested of transfer students.

REQUIREMENTS FOR FOREIGN STUDENTS:

Regular University Programs

1. International students without previous records at colleges or universities within the United States must meet the requirements outlined above for admission as

freshman with the exception of the specified ACT score. A composite standard score of twenty (20) is required for admission.

2. If English is not the native language of the student, a score of at least 525 is required on the TOEFL (Test of English as a Foreign Language) in most departments. Contact the International Student Admissions Officer for TOEFL scores required by specific academic departments.
3. Because application processing requires more time for international students, all applicants residing outside the United States must submit all application materials at least **three months** before the proposed date of entry into the Univeristy. International student applicants residing inside the United States must submit all application materials at least **two months** before the proposed date of entry into the University.
4. International students who have already attended colleges or universities within the United States must meet the requirements outlined above for admissions as transfer students. The TOEFL requirement may be waived if the transfer student has successfully completed all freshman English requirements with an average of 2.0 or better.
5. A ten dollar ($10.00) non-refundable fee must accompany each international student's application for admission.
6. International students applying for admission to regular university programs should send documents and correspondence to:
   International Student Admissions Officer
   Center for International Education
   University of Southern Mississippi
   Southern Station, Box 5151
   Hattiesburg, MS 39406-5151
   U.S.A.

English Language Institute Programs

1. International students between the ages of 17 and 70 are eligible for admission. Students 17 years of age, however, must attach to their application a complete copy, in English, of their high school diploma or transcipt.
2. Applications must include a letter from a bank or supporting agency verifying availability of funds.
3. To help assure acceptance, applicants shouuld see that their applications are received by the University of Southern Mississippi at least 21 calendar days prior to registration for the course for which application is made. No student will be allowed to register after Tuesday of the first week of classes.
4. No application can be processed and no Immigration Form I-20 can be processed until all required materials have been received by the University.

Foreign students interested in attending the English Language Institute at the University of Southern Mississippi for intensive studies in English should direct all correspondence to:

Admissions Officer
English Language Institute
Center for International Education
University of Southern Mississippi
Southern Station, Box 5065
Hattiesburg, MS 39406-5065
U.S.A.

GRADE REVIEW POLICY

The instructor (defined as one who has the responsibility for a class, special problem or thesis) has the authority in his class over all matters affecting the conduct of the class, including the assignment of grades. Student performance should be evaluated according to academic criteria made available to all students within the first two weeks of each semester. Grades should not be determined in an arbitrary or capricious manner.

When a student disagrees with the final grade given by an instructor, fair play requires the opportunity for an orderly appellate procedure. The procedure must assure due process for both the instructor and student.

The grade review policy shall consist of steps to initiate the process and princples to guide the procedures.

Steps

1. A student who is dissatisfied with a final grade must first attempt to negotiate a change in the final grade with the instructor teaching the course. If the instructor is not employed by the University at the time the student receives his final grade, the Vice President for Academic Affairs shall convene the University Grade Review Council to hear and decide the issue.
2. Should the decision of the instructor in Step 1 be unacceptable to the student, the student should secure the University's grade review form from the dean of the college or school for which the instructor is teaching and provide the information required. The student then takes this form to the department chairman of the instructor. The chairman, in separate and/or joint conference with the instructor and student, shall attempt to reach an agreement for a final grade. If the instructor is the department chairman, the student goes to Step 3.
3. Should department chairman be unable to resolve the matter to the satisfaction of all parties, the appeal may then be referred to the dean of the school or college in which the instructor teaches. The dean, in separate and/or joint conference with the instructor and student, shall attempt to reach an agreement for a final grade. If the dean is the instructor, the student goes to Step 4.
4. Should the reviewing dean be unable to resolve the matter to the satisfaction of all parties in Step 3, the matter may be appealed to the Vice President for Academic Affairs who shall convene the University Grade Review Council to hear and decide the issue.

Principles to Guide the Procedures

1. The student appealing a final grade must follow the steps prescribed above in the order enumerated.
2. The information for appeal must be written on or attached to a standard form and will serve as the basis for deliberation for each step. The student must start the appeal form, but it is the responsibility of each reviewing official (i.e., department chairman, dean, Vice President for Academic Affairs) to provide each party concerned with a copy of the appeal form showing the action taken.
3. A student must initiate the appeal procedure within thirty days into the next semester (counting Saturday and Sunday but excluding official student holidays) after the semester for which the grade was received or one hundred twenty days after the issuance of spring semester grades, should the student not be enrolled during the summer term. Instructors should preserve material used for determining grades for the number of days stipulated above.
4. After Step 2 of the appeal process is initiated, it is the responsibility of the department chairman to request all pertinent documents and data from the student and faculty member involved for copying. Copies of this material will be provided each person involved, and originals will become part of the case file. The above material will include the grade book record. Also included will be student material retained by the faculty member and all material returned to the student by the faculty member if sufficiently pertinent to the final grade.
5. The student may have present and seek advice from a member of the Associated Student Body, an uninvolved instructor, or a lawyer. He must present his own case at the Council hearing.

Composition of Council

The University Grade Review Council shall consist of one tenured faculty member from each of the schools or colleges in the University, with the member being elected by the teaching faculty of his school or college, plus four appointed faculty members. The Vice President for Academic Affairs shall choose the appointed faculty members to assure adequate minority representation. He shall appoint one tenured member from each of the following: College of Liberal Arts, College of Education and Psychology, College of

Business Administration, and College of Science and Technology. The chairman shall be elected by the Council. If a member of the Council is involved in the grade dispute, he will step aside. A new member will be appointed by the Vice President for Academic Affairs from the college or school for which the instructor teaches.

Procedure of Council

The student will be allowed to present his case by offering evidence and calling witnesses [student(s) or instructor(s)]. The faculty member shall be allowed to do likewise if he desires. No plea is necessary, nor will guilt be implied. After all the evidence has been heard, the Council shall retire to discuss and vote on the matter. A simple majority vote of members present is necessary to change a disputed grade. The grade may be changed to satisfy the request of the student or to a grade considered appropriate by the committee with proper justification in writing.

Amendments to Procedures

Effective March 1, 1979: (From Minutes, University Grade Review Council, March 1, 1979) Formal letters of support must be written (typed) and submitted directly to the University Grade Review Council by the individual wishing to supply such supporting materials.

Effective April 4, 1979: (From Minutes, University Grade Review Council, April 4, 1979) Supporting witnesses may be present during the hearing only when they are making their statements.

Effective January 14, 1980: (From Minutes, University Grade Review Council, January 14, 1980) Any member of the executive committee of the Council may review an appeal prior to the hearing to determine whether or not the appeal is in compliance with Grade Review policies.

Effective June 26, 1980: (From Minutes, University Grade Review Council, June 26, 1980) The signature of the Dean of the Graduate School will be required for appeals of students in graduate classes.

Effective July 5, 1980: (From Minutes, University Grade Review Council, July 5, 1980) All documents presented to the Council will become a part of the official record and will not be returned.

FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT OF 1974

(Buckley Amendment)

The Buckley Amendment deals with one subject only: educational records. The purpose of the law is to define, more precisely than ever has been done, who may or may not see them. On the one hand, the law grants students guaranteed access; on the other hand, it takes from the universities the privilege of indiscriminate disclosure.

The Buckley Amendment sets forth these main requirements:

(1) it allows a student access to each educational record that a university or college keeps on him/her;

(2) it requires the institution to establish a policy on how students can go about seeing specific records;

(3) it requires the institution to inform all students as to what rights they have under the Amendment, how they can act on these rights according to school policy, and how they can see a copy of the policy; and

(4) it requires the institution to seek student permission, in writing, before disclosing any personally identifiable record to individuals other than professional personnel employed in the university or college (and others who meet certain specified requirements).

The University has developed and put into writing a policy for handling requests from students and for disclosing personally identifiable information about students. Students are notified at least once a year of their rights under the law by publishing the University policy in the student newspaper.

RETENTION OF STUDENTS AND PROGRAM COMPLETION INFORMATION

The Office of Admissions will provide, upon request, information regarding student retention as well as the number and percentage of students completing specific undergraduate programs at the University of Southern Mississippi. For further information, please contact:

Director of Admissions
Box 5011, Southern Station
University of Southern Mississippi
Hattiesburg, Mississippi 39406-5011
(601) 266-5011

THE STUDENT COMMUNITY, CAMPUS LIFE, AND ACTIVITIES

STUDENT HOUSING

Resident Housing

Three thousand one hundred and sixty-five (3,165) spaces in air-conditioned residence halls and three hundred and ninety-two (392) spaces in non-air-conditioned residence halls are available for students in thirteen (13) residence halls operated by the University. These include three residence halls which incorporate their own dining facilities (Hillcrest for women, Elam Arms for men, and Vann Hall for men on athletic scholarships). Elam Arms and Hillcrest have swimming pools. Bolton, Jones, Pulley, Roberts, Scott, and Wilber are the other air-conditioned residence halls for women. Bond is the other air-conditioned hall for men. Hattiesburg is the air-cooled residence hall for men and Mississippi Hall and Hickman are the air-cooled residence halls for women.

When a student occupies a room in a residence hall, he obligates himself to pay for one semester's room rent for that hall. Refunds for unused portion of room rent will be made only in case of withdrawal from the University. Residence hall fees are subject to change without notice. It is the responsibility of the student to determine the amount of fees for the residence hall to which he is assigned.

Each resident will be asked to contribute to the Residence Hall Fund which is used to pay for Homecoming decorations, courtesies, and other residence hall-sponsored activities.

All regularly enrolled undergraduate students under 21 years of age are required to live in one of the residence halls, unless they are married or live with parents or legal guardian, or have completed 65 semester hours and have parental consent to live off campus.

Students found to be residing off campus in violation of the on-campus-policy may be charged a full semester's room rent regardless of the time during the semester they are found to be in violation of the policy.

THE UNIVERSITY RESERVES THE RIGHT TO ENTER ROOMS FOR INSPECTION AND MAINTENANCE.

Application for campus housing should be made at the time of application for admission to the University. Applications are processed in order of date received, and residence hall assignments are made based on the date of application. An assignment to the residence halls is independent and contingent upon admission to the University. Roommate preference may be indicated on the application form, and, when possible, these preferences will be granted. However, the application is for accommodations in the residence halls and *not* for a specific roommate. Assignments of new students (freshman and transfer) to residence halls can be made only after the $40.00 deposit with an application for housing has been received by the Housing Office.

Priority of residence hall assignments goes to former and presently enrolled residence hall students with active deposits on file. Assignments to these students will be made the end of each semester for the succeeding semester.

Residence hall assignments are mailed at least 15 days prior to the first day of registration for each semester. Those applying after the beginning of this fifteen-day period will receive a room assignment by mail if possible. If it is too late to mail the assignment, it may be secured at the Housing Office on the day the residence halls open.

Any person cancelling his reservation 25 days prior to the opening date of the residence halls will be refunded the $40.00 deposit. Those failing to cancel prior to the 25 days will forfeit their deposit.

Sorority members are expected to live in Wilber Hall, the Panhellenic Hall. Lodging in a fraternity house is available to the fraternity members and pledges. Arrangements are made directly with the fraternity.

During fall semester all residence halls will open at 8:00 a.m., one day prior to registration. All students assigned to a specific room must claim their room by 5:00 p.m. on the first day or forfeit their priority to that designated space. All other students must claim their room by 5:00 p.m. on the first day of registration. During the spring and summer semesters, the residence halls will open at 12 Noon, one day prior to registration. New students must claim their rooms by 5:00 p.m. on the day the halls open. Former students must claim their rooms by 5:00 p.m. on the first day of registration.

Failure to claim a room by 5:00 p.m. on the first day of registration will result in loss of the $40.00 room deposit and forfeiture of a room.

Changes between residence halls are made after registration with Housing Office approval. However, room changes may be made within the residence hall to which a student is assigned, **provided** the change has been **approved** by the Housing staff member of the residence hall and officially arranged in the Housing Office **before** the change is made.

The visitation program at USM is directed by the Department of Student Housing. Each residence hall shall have the option to adopt regularly scheduled visitation hours each semester. All residents will be required to vote and three-fourths majority vote shall constitute the decision of the residence hall. Hours may be established within the following guidelines:

6:30 PM to 11:30 PM on Thursday

2:00 PM to 11:30 PM on Friday, Saturday, and Sunday and should not exceed 33½ hours each week.

All checks or money orders for housing deposits should be made out to the University of Southern Mississippi and mailed to:

The Director of Housing
University of Southern Mississippi
Southern Station, Box 5064
Hattiesburg, Mississippi 39406-5064

Other information concerning housing is available in the housing brochure.

Family Housing

Pine Haven Apartments, consisting of two hundred and ninety-six (296) one-two-and three-bedroom unfurnished units, are available on the campus for married students. A long waiting list exists each semester. An applicant's position on the list is determined by the date of receipt of the application and deposit.

The housing fee is payable at the beginning of the semester. The rent is due and payable at registration. A student obligates himself to the full fee for one semester's rent when he moves in, unless he withdraws from the University. A deposit of $40.00 is required at the time of application and is refundable if the request is cancelled thirty (30) days prior to the date for which the application is made. The total deposit will be refunded when a student withdraws from housing without any outstanding charges to the University.

Applications and brochures may be secured at the Pine Haven Office, or by writing the Director of Housing (see above for address).

Correct Address

Students are required at registration to give their correct local address. It is the responsibility of each student to notify the Registrar's Office of any change of address as soon as the change occurs.

FOOD SERVICE

All persons living in residence halls are required to purchase a meal ticket for one of the food service facilities on campus. The Food Service Department serves well-planned, attractive meals which include a choice of two entrees, assorted vegetables, and self-service

beverage and salad bars. All students are welcome at the Commons Cafeteria. Elam Arms and Hillcrest cafeterias are for residents only. Guests are allowed, but each guest must be accompanied by a resident.

Elam Arms and Hillcrest cafeterias will be open five days weekly, Monday through Friday. All week-end meals will be served at the University Commons. Students who purchase a 5-day meal plan are welcome at the Commons on weekends, but must pay cash for their meals.

The Commons offers a special diet program for weight watchers at an additional cost. This line caters to weight watchers as well as to those students with medical problems which require special diets.

The Union Coffee Shop offers a wide variety of delicious snacks, short orders, and a selection of beverages. This a' la carte food service offers a commuter meal ticket, which is available to all off-campus students.

MEAL TICKET EXEMPTIONS

Meal ticket exemptions are allowed only for those students with modified diets which cannot be prepared by the University Food Services and for those students with work schedules which conflict with cafeteria serving hours. Those students who may qualify for an exemption should make arrangements for an evaluation **prior to registration.** All evaluations will take place in the Food Service Office in the University Commons before or after the student registers for school. Those students who have not completed the requirements for a meal ticket exemption prior to registration will be charged for a meal ticket during the registration process.

Medical Exemptions

Those students with a medical problem requiring a modified diet who feel their need cannot be met by the University Food Services should make arrangements to have their diet **evaluated by the registered dietitian before registration.** Documentation required for this evaluation includes a prescription signed by a physician which specifies the student's modified diet and a copy of the modified diet.

Work Exemptions

Requirements: A student must miss a minimum of fifty percent of meals served per week. The meals missed must be due to a student's class schedule and/or work schedule.

Documentation Required

A. A statement signed by the student's employer, on letter head stationery, giving the student's working hours, on a daily basis, Monday through Friday.
B. A copy of the student's registration packet which shows the student's class schedule.
C. Students required to be away from the University, as part of a course, may also qualify for a work exemption. In this case, the student must present a statement from the professor of the course or a statement from the department chairman, which provides the same basic information as Section A.

No exemption will be granted if any part of the required documentation is not presented.

HEALTH AND SAFETY SERVICES

While away from home, the University Clinic serves as the family doctor offering the same range of services available at his office. Overnight clinic accommodation for less serious illness is available at no cost to full-time students. Consultation and hospitalization services of the patient's choice are available on a referral basis. The Clinic services include physician and nursing care (provided at no cost to *full-time* students only) and laboratory, x-ray, and apothecary service, all available at cost.

There is an excellent supplemental health insurance policy available. For information, go to Room 100, Student Services Building.

During the regular school semester the Clinic is open 24 hours a day, seven days a week and is staffed by registered nurses. Physicians' office hours are 8:00-5:00 Monday through Friday. The apothecary is open only during the physicians' office hours.

AUTOMOBILES ON CAMPUS

Students and employees of the University are required to register their automobiles with the Department of Public Safety. Temporary permits are issued when the automobile is to be on the campus less than fourteen days. Parking zones have been established along with other regulations. A brochure which outlines traffic and parking regulations may be secured from the Department of Public Safety. Penalities are assessed for violation of regulations and persistent violators may be denied the privilege of operating their vehicle on campus. Penalties are: violation of parking and/or decal violations $6.00 for each of the first three offenses and $12.00 for the fourth and subsequent offense; all moving violations $12.00 each.

All vehicle registrations expire August 20, except for bicycles. Registration fees are:

Automobiles/$5.00
Motorcycles/$2.00
Bicycles/$1.00 for length of enrollment.

STUDENT ACTIVITIES

The main source of the extra curricular activities at the University of Southern Mississippi is the multitude of student organizations and activities. Some 190 student organizations, of almost as many purposes and objectives, grace the Southern scene. These organizations include all categories of participation: service, social, religious, professional, honorary, activity, on and on to provide an opportunity for almost any interested student to participate. While these activities are outside of or "extra to" the formal curricula they are unquestionably a part of the student's total experience while he is enrolled at the University of Southern Mississippi.

In addition to the numerous student organizations, there are three groups which, by their representative function, serve the entire student body in their various capacities and areas. These groups are: Associated Student Body, University Activities Council, and Student Religious Federation.

While these groups are deliberative and purpose to represent the views and wishes of the entire student body, other student governing groups may be found in the residence halls, the fraternity and sorority system, and the international student community.

ASSOCIATED STUDENT BODY

The Associated Student Body of USM consists of every student enrolled in the University. It is structurally set up on government form, with executive, legislative, and judicial branches. The officers of the ASB comprise the executive branch, elected representatives from each school and college of the University make up the Senate or legislative branch, and the student courts comprise the judicial branch.

The ASB, however, is much more than a tightly structured student organization. It is an aid to the student in his University life, and is his official voice in University affairs. In maintaining this position of responsibility, the ASB serves the student in special services and projects and represents him on various committees and boards.

These services include a check cashing service, tutoring service, apartment directory, attorney referral program, refrigerator rental, ride board, spouse card, discount directory, tax service, and student activity calendar.

ASB projects include voter registration drives, Miss Southern Pageant, spirit activities and cheerleaders, the student handbook, legislative lobbying, and recruiting.

ASB officials represent the student body on the Academic Council, Graduate Council, University Council, Disciplinary Committee, Athletic Continuity Committee, President's Board, Mayor's Student Board, Student Alumni Association, Student Aid and Scholarship Committee, Student Activity Committee, Library Committee, University Union Committee, and the Governor's and Congressmen Committee.

The Associated Student Body is constantly trying to improve the existing programs and services and implement new ones. It also continually attempts to voice student concerns in University affairs. By doing this, the ASB strives to meet its goal of promoting the general welfare of students in all phases of their lives at USM.

STUDENT PUBLICATIONS

THE STUDENT PRINTZ, winner of many national awards, is the University newspaper published semi-weekly by a staff of students under the direction of faculty advisers. THE SOUTHERNER is a yearly publication, published by a student staff under the direction of a faculty adviser. PRODUCT, issued yearly and sponsored by Lambda Iota Tau, represents the best of student endeavor in short stories , essays, and poetry. A handbook for students is published by the ASB.

RELIGIOUS LIFE

The University of Southern Mississippi is a state supported school and is entirely nonsectarian. Religious life is encouraged, and every effort is made to cooperate with local churches. The Student Religious Federation unifies the activities of all religious groups on the campus.

It is composed of students from the entire University community and seeks to provide channels for worship and religious development. Speakers, concerts, films, forums, and debates are some of its sponsored activities.

Religious Organizations—Baptist Student Union, Campus Crusade for Christ, Canterbury-Episcopal, Assembly of God, Church of God in Christ Fellowship, Intervarsity Christian Fellowship, Jewish Student Union/Hillel, Latter Day Saints Institute of Religion, Lutheran Student Fellowship, Navigators, Newman Club-Roman Catholic, Southern Christian Student Center-Church of Christ, Storehouse Church Ministry, Student Religious Federation, Wesley Foundation-Methodist, Reformed University Fellowship-Presbyterian.

Please contact the Director of the Union and Student Activities for additional information concerning all campus religious groups.

Danforth Chapel is a place of prayer and mediation for all and is often used for worship services and weddings.

ORGANIZATIONS

General Honor Societies—There are six general honor societies on the campus. A general honor society is an association that receives into membership individuals who have achieved high scholarship and who fulfill such additional requirements of distinction in some broad field of education and culture or in general leadership as the society has established. Lambda Sigma is a scholarship, leadership honorary society for sophomore men and women. Phi Kappa Phi is a national honor society composed of men and women who have achieved superior scholarship accorded by the University. Omicron Delta Kappa is a national honorary leadership society, membership in which is the highest recognition accorded students of the University. Phi Delta Rho is a local honorary leadership society, membership in which is the highest recognition accorded women students of the University. Alpha Lambda Delta and Phi Eta Sigma are national honor societies which aim to encourage and reward high scholastic attainment among freshman students.

Academic Honor Societies—Alpha Epsilon Alpha (accounting), Alpha Epsilon Delta (pre-med), Alpha Psi Omega (dramatics), American Chemical Society Student Affiliate, Beta Alpha Psi (accounting), Beta Beta Beta (honorary biology), Beta Gamma Sigma (business), Chi Tau Epsilon (dance), Delta Sigma Pi (business), Eta Sigma Gamma (health and safety education), Financial Management Association, Gamma Theta Upsilon (geography), Graduate Association of Students in Psychology, Home Economics Club, Kappa Delta Pi (education), Kappa Kappa Psi (band), Kappa Mu Epsilon (mathematics), Kappa Omicron Phi (home economics), Lambda Iota Tau (literature), Lambda Sigma Society, Omicron Delta Epsilon (economics), Phi Alpha Theta (history), Phi Beta Lambda (business), Phi Chi Theta (women/business), Phi Delta Kappa (education/faculty), Phi Mu Alpha Sinfonia (music), Pi Delta Phi (foreign language), Pi Gamma Mu (social studies), Pi Omega Pi (business education), Pi Tau Chi (religious), Rho Chi Sigma (rehabilitation counseling and services professions), Rho Epsilon (real estate), Scabbard and Blade Society (military), Sigma Lambda Chi (architecture and construction), Society for the Advancement of Management, Southern General's Drill Team (military), Tau Beta Sigma (band), USM Student Chapter of the American Society for Personnel Administration.

Service Organizations— Alpha Phi Omega, Angel Flight, Arnold Air Society, Associated Student Body, Associated Student Body Senate, Business Student Advisory Council, Gamma Beta Phi, Girls of the Golden Hearts, Honors Student Association, Interfraternity Council, Junior Panhellenic Council, L'Esprite de Corps, Little Sisters of Minerva, Panhellenic Council, Phi Theta Kappa Alumni Association, Phi Lambda Pi, Rotoract Club, Stardusters of Kappa Sigma, Social and Rehabilitation Club, Southern Style.

Other Organizations—Afro American Cultural Society, American Society of Interior Designers, Art Alliance, Association for Computing Machinery, Botegha, Chinese Student Association, Coalition for Student Involvement, Disabled Students Coalition of USM, Eagle Boosters, Fashion Plus, Fellowship of Christian Athletes, Gamma Ut Society, George Hurst Chapter of Student Education Association, German Club, Gold Tenders, Guild of the Dragon, House Aerie of Dragon's Weal and Society for Creative Anachronism, Institution Administration Club, Institute of Electrical and Electronics Engineers, International Food Services Executives Association, International Student Organization, Library Science Association, Logos, Love, Salvation and Determination Choir, Medical Technology Club, Mu Phi Epsilon, Music Educator's National Conference, National Press Photographers Association, Psi Chi, Public Relations Student Society of America, Residence Hall Association, Rho Gamma, School of Social Work Club, Sierra Club, Sigma Delta Chi, Sigma Psi Alpha, Snow Ski Club, Society of Manufacturing Engineers, Society of Physics Students, Society for Paralegal Studies, Society for Pre-Legal Students, Southern Barbell Club, Southern Cinema, Southern Geological Society, Southern Toastmasters, Student Alumni Association, Student Assemblies for School of Nursing, Student Council for Exceptional Children, Student Nursing Association, Student Planning Network, Student Speech and Hearing Association, University Activities Council, USM Adult Education, USM Association of Doctoral Students in Educational Administration, USM Bowling Sports Club, USM Boxing Club, USM Chapter of National Art Education Association, USM Civitan Club, USM Collegiate Chapter of American Marketing Association, USM Community Chess Club, USM Diver's Association, USM Golden Girls, USM Home Builders' Association, USM Jazz Lab Bands, USM Karate Club, USM Ranger Company, USM Recreation Club, USM Rugby Club, USM Soccer Club, USM Society of Polymer Scientists, USM Speech Communication Association, USM Sports Officials Association, USM Student Chapter of the National Association of Jazz Educators, USM Student Constructors, USM Table Tennis Club, USM Women's Gymnastics Club, USM Women's Soccer Club, and Young Democrats.

Social Fraternities—Thirteen social fraternities hold membership in the Interfraternity Council of the University. They are Alpha Phi Alpha, Alpha Tau Omega, Kappa Alpha, Kappa Alpha Psi, Kappa Sigma, Omega Psi Phi, Pi Kappa Alpha, Phi Kappa Tau, Sigma Alpha Epsilon, Sigma Chi, Sigma Nu, Sigma Phi Epsilon and Tau Kappa Epsilon.

Social Sororities—Twelve social sororities hold membership in the Panhellenic Council of the University. They are Alpha Kappa Alpha, Alpha Sigma Alpha, Chi Omega, Delta Delta Delta, Delta Gamma, Delta Sigma Theta, Delta Zeta, Kappa Delta, Phi Mu, Pi Beta Phi, Sigma Sigma Sigma and Zeta Phi Beta.

Dramatic, Musical and Other Performing Groups—The University's preeminence in the fine arts fields of theatre and music is reflected in the prominent role of student performing groups. The Debate Squad and the University's own radio station also encourage student performance.

THE UNIVERSITY THEATRE is the campus dramatic organization sponsored by the Department of Theatre and Dance. Open auditions are held for all productions and any student enrolled at the University is eligible to participate.

THE OPERA THEATRE, open to all students of the University by audition, performs many works of musico-dramatic interest during the year.

THE UNIVERSITY SINGERS, auditions for which are held during the first week of each semester, give numerous concerts and tours. There is usually a waiting list of applicants for membership. Within the UNIVERSITY SINGERS are a number of smaller ensembles, such as the Madrigal Singers and various male and female groups.

THE SYMPHONIC WIND ENSEMBLE, THE SYMPHONIC BAND, AND THE CONCERT BAND are open to all University students by audition. The University's bands have an outstanding record of service to the University and the state.

THE MARCHING BAND, known as "THE PRIDE OF MISSISSIPPI," presents colorful halftime shows at the University football games and appears regularly on national television. It is open to all University students.

THE DIXIE DARLINGS, a precision drill group, open by audition to the best girl dancers of the University, are well-known nationally through their many televised appearances with the Marching Band.

COLLEGIUM MUSICUM is open to singers, players of recorder, sackbut, krumhorn, viol, harpsichord, lute, cornetto, or other historical instruments, and to students with an interest in a scholarly, musicological approach to the performance of old and neglected music.

THE CHAMBER ENSEMBLES perform serious programs of the best original music for smaller groups.

THE PERCUSSION CHOIR AND MARIMBA ENSEMBLE utilize programs of original music for chamber percussion performance.

THE JAZZ LABORATORY BANDS are full-sized modern jazz ensembles which play the latest arrangements of music in the big band contemporary idiom.

THE UNIVERSITY OF SOUTHERN MISSISSIPPI SYMPHONY, open to all students and faculty members of the University by audition, gives a number of concerts each year in addition to assisting with oratorios and operas.

Service awards for these musical groups are available to talented students. Auditions may be arranged through the Department of Music.

DEBATE: The Department of Speech Communication sponsors a public debate program called Inquiry and Advocacy. The programs are conducted on campus and include both a public interview of experts on the designated topic and a parliamentary debate, with those experts available for cross-examination. An audience is present at both sessions and is encouraged to participate. Regardless of experience in debate, students are welcome to join in this unique educational experience. For further information, contact Dr. Susan Siltanen, Director of Forensics, Southern Hall 118D, or phone (601) 266-4270.

WMSU-AM is a University-owned carrier current radio station which broadcasts to campus residence halls on 640 Khz. Students interested in working with the WMSU-AM staff should contact the Department of Radio, Television, and Film.

WMSU-FM is a University-owned educational radio station which serves the diverse educational and cultural needs of the Hattiesburg community. The station operates with a student staff under the supervision of a faculty adviser. Students interested in joining the **WMSU-FM** staff should contact the Department of Radio, Television, and Film.

ATHLETICS

The University of Southern Mississippi is a member of the National Collegiate Athletic Association, and the College Football Association.

Intercollegiate sports are football, basketball, baseball, tennis, golf, indoor and outdoor track, swimming, cross country, and women's tennis, basketball, softball, and volleyball.

INTRAMURAL-RECREATIONAL SPORTS

The University community is offered an extensive intramural sports program, which consists of over forty sports. Club sports programs offer an opportunity to participate in a favorite sport in an instructional or competitive atmosphere. The outdoor lovers can take advantage of an equipment rental program, trips, and workshops. The University is equipped with many modern recreational facilities for numerous informal recreational activities. With its many outdoor fields, gymnasium, swimming pool, weight room, golf course, tennis courts, lakefront, and camping grounds, the University proves to be a delight to its recreational athletes.

R.C. COOK UNIVERSITY UNION

The center of student activities at the University of Southern Mississippi is the R.C. Cook University Union, which houses the student organization offices, coffee shop, recreational area, and meeting rooms. Students use the facilities of the University Union for recreation, social, religious, and organizational activities. The Union holds membership in the Association of College Unions—International.

UNIVERSITY ACTIVITIES COUNCIL

The University Activities Council (UAC) is made up of interested students selected through an application-interview procedure. UAC activities include all facets of collegiate programming, the more prominent of which are: weekly movies, concerts, lectures, special events, and travel.

The University Activities Council is recognized throughout the Gulf South as one of the outstanding collegiate programming groups, budgeted on per-student fee basis that allows all students to attend UAC activities on the presentation of their student identification card, except for big name concerts when a nominal fee is charged.

Holding membership in the National Entertainment Conference, the UAC keeps abreast of collegiate programming trends and developments throughout the nation, as well as the Gulf South.

UNIVERSITY COUNSELING CENTER

The purpose of the University Counseling Center is to assist each individual in deriving maximum benefit from his University experience and developing his full range of potentialities. The following professional counseling services are provided: vocational, educational, personal, and marital.

Students interested in choosing a major, exploring career choices, or dealing with some aspects of personal or social development should feel free to contact the Center for an appointment. Everything that is said during a counseling interview is regarded as confidential. No information is released to any individual except with the approval of the student.

When appropriate, the student and the counselor may select tests to appraise abilities, interests, or personality characteristics. A library of educational and occupational information is maintained. College catalogs from other institutions and many books and pamphlets on educational and personal adjustment are also available.

Besides assisting students on an individual basis, the Center provides group study skills training to enable students to handle their academic pursuits better. How to organize study time, how to take notes, and how to take examinations are a few of the topics covered.

The Center provides growth experiences for students. Primary goals of these experiences are developing the student's ability to communicate and enhancing his skills in interpersonal relationships. The goal, therefore, is to provide students a chance to obtain insight into their own behavior and the behavior of others in the context of a group experience.

The Center staff is available to work with campus groups in providing leadership or communication training. The primary goals of these groups are to improve leadership abilities and to enhance the communication function in organized group activity.

The Center is located in Room 200, Student Services Building. It is open from 8:00 A.M. to 5:00 P.M., Monday through Friday. Any person who is enrolled or expects to enroll as a student may use the services without charge. Spouses of students often use the Center. In order to make an appointment, a student may come by the Center or call 266-4829 or write to:

Director of the University Counseling Center
University of Southern Mississippi
Southern Station, Box 5075
Hattiesburg, Mississippi 39406-5075

OFFICE OF VETERANS AFFAIRS

The Office of Veterans Affairs is responsible for providing assistance to veterans and dependents of eligible veterans that will enable them to derive the maximum benefit from their veterans' educational entitlement.

PLACEMENT SERVICES

The Office of Placement Services, located on the first floor of McLemore Hall, offers the student two types of employment opportunities while attending the University; part-time employment as well as career employment upon graduation. All employment opportunities are offered free to both the students and the prospective employer.

The Student Employment Division offers the student an opportunity to obtain part-time employment while enrolled as a regular student at Southern. The service is comprehensive in that it will involve jobs for work-study as well as non-work-study both on and off campus.

The Career Employment Division provides assistance to graduating seniors, graduates, and alumni in obtaining career employment upon or after graduation.

All students should register with Placement Services and establish a placement credentials folder during the last semester of their junior year or the first semester of their senior year. These credentials are valuable to prospective employers that are seeking information on college graduates for possible employment. The services may be used by the graduate as often as is needed.

STUDENT EXPENSES

The University of Southern Mississippi is supported chiefly by legislative appropriations. Increases in student fees are put into effect only when public support funds are inadequate and no other recourse is available. Increases are made only for support of the institution or improvement of the activity program of the students; **therefore the University must reserve the right to increase or modify fees and expenses without prior notice but with approval of the Board of Trustees of State Institutions of Higher Learning.**

Fees and expenses are in the form of general tuition, room and board, and special fees.

GENERAL TUITION. This fee, together with the allocation from the legislative appropriation, is used for general support of the University. Athletic activities, health service, and UAC programs are not included for part-time students.

Full-time students for purposes of assessing fees are those who take nine (9) or more semester hours in Graduate School and twelve (12) or more semester hours in all other schools and colleges during fall and spring semesters. During summer terms, seven (7) or more semester hours for Graduate School and nine (9) or more semester hours in all other schools and colleges constitute full-time students for purposes of assessing fees. Students enrolled for more than nineteen (19) semester hours during fall and spring semesters and for more than fourteen (14) semester hours during the summer term will be assessed the applicable fee for each additional semester hour.

Textbooks, except for textbooks in foreign language courses and certain other courses, are provided on a loan basis to all undergraduate students.

Clinical and hospital services covered by the health service charge included in the general tuition fee are limited to cases of ordinary illness. Services are provided within the limits of the professional, technical, and physical resources of the Clinic. The University does not assume responsibility in cases of extended illness or for treatment of chronic diseases. Cases requiring surgery must be handled by a physician and hospital of the student's choice and at the student's expense.

ROOM, BOARD, AND POST OFFICE BOX. The room, board, and post office box fees are assessed for all students living in University-controlled residence halls and those students living in fraternity houses. Board is available to all other students on an optional basis. Two meal plans are available in the Commons: seven-day, twenty-meal plan and a five-day, fifteen-meal plan. Weight-watchers diets are available at $35 extra per semester.

A room deposit of $40 is payable in advance for the reservation of space in the residence hall. This amount is held as a damage deposit until a student withdraws from the residence hall. Upon withdrawal, the student must make an application to the Resident Manager of the dormitory for refund of the $40. A student accepting residence hall space will be financially obligated to pay the full semester's room rent. A rent refund will be made only upon withdrawal from the University.

OTHER FINANCIAL INFORMATION. Fees of all students are due and payable at time of registration; however, fees of students enrolled for **six semester hours or more** may be paid one-half upon entrance and the balance one week prior to the beginning of the second half of the semester. **Students with University loans, grants, or scholarships may defer only one-half of the amount not covered by their loan, grant, or scholarship.** A $10.00 late charge will be assessed on any fees not paid in full by one week prior to the beginning of the second half of the semester. This procedure applies on all campuses and resident center locations.

The University reserves the right to withhold readmission to a student until all delinquent accounts have been paid. Transcripts of credits will not be issued for students whose accounts are deliquent. All fees must be paid before a degree is awarded.

Fines accumulated as a result of failure to adhere to the established procedures of the University, such as Library and Public Safety regulations, or any other policy establishing regulations for the protection of University property, shall become collectible by the Business Office, and, if not collected, shall constitute a deliquent account.

Students whose checks for registration are returned will be assessed the late registration fee of $10.00, in addition to the $6.00 returned check handling fee.

A fee of $3.00 for operation of the University Union is included in the fees of all full-time students. A $1.00 fee is added to the general tuition fee assessment of part-time students.

Courses requiring special fees and music fees are shown in the Special Fee listing (Table II) and are indicated by a sign in the Course Description Section of this **Bulletin.**

RESIDENCE STATUS

LEGAL RESIDENCE OF STUDENTS: The definitions and conditions stated here are as required by state law in the classification of students as residents or nonresidents for the assessment of fees. Requests for a review of residency classification should be submitted to the Dean of Special Academic Services; forms for this purpose are available from the Dean of Special Academic Services' office.

A MINOR: The residence of a person less than twenty-one years of age is that of the father. After the death of the father, the residence of the minor is that of the mother. If the parents are divorced, the residence of the minor is that of the parent who was granted custody by the court; or, if custody was not granted, the residence continues to be that of the father. If both parents are dead, the residence of the minor is that of the last surviving parent at the time of that parent's death, unless the minor lives with a legal guardian of his person duly appointed by a proper court of Mississippi, in which case his residence becomes that of the guardian.

AN ADULT: The residence of an adult is that place where he is domiciled, that is, the place where he actually physically resides with the intention of remaining there indefinitely or of returning there permanently when temporarily absent. Adult students who are residing outside of the State of Mississippi, but whose parents have moved to this state and have become residents, must establish residence in their own right. In determining residence for tuition purposes for persons who return to Mississippi after temporary departures such as school attendance, work elsewhere or military service, cognizance is taken of evidence showing continuity of state residence and demonstrated intent to return to the state.

REMOVAL OF PARENTS FROM MISSISSIPPI: If the parents of a minor who is enrolled as a student in an insitution of higher learning move their legal residence from the State of Mississippi, the minor is immediately classified as a nonresident student.

TWELVE MONTHS OF RESIDENCE REQUIRED: No student may be admitted to the University as a resident of Mississippi unless his residence, as defined herinabove, has been in the State of Mississippi for a continuous period of at least twelve months immediately preceding his admission.

RESIDENCE IN AN EDUCATIONAL INSTITUTION CAN BE COUNTED: A student who has lived within the state for twelve months following his twenty-first birthday may establish residence in his own right by showing that he is living in the state with the intention of abandoning his former domicile and remaining in the State of Mississippi permanently, or for an indefinite length of time. Intent may be demonstrated or disproved by factors including, but not limited to, filing of Mississippi income tax returns, eligibility to vote in Mississippi, motor vehicle registration in Mississippi, possession of a Mississippi operator's license, place of employment, and self support.

RESIDENCE STATUS OF A MARRIED PERSON: A married person may claim the residence of his/her spouse.

CHILDREN OF PARENTS WHO ARE EMPLOYED BY THE UNIVERSITY: Children of parents who are members of the faculty or staff of the University may be classified as residents without regard to the residence requirement of twelve months.

MILITARY PERSONNEL ASSIGNED ON ACTIVE DUTY STATION IN MISSISSIPPI: Members of the armed forces on extended active duty and stationed within the State of Mississippi, except those military personnel whose active duty assignment is for educational purposes, may be classified as residents, without regard to the residence requirement of twelve months, for the purpose of attendance at the University. Resident status of such military personnel who are not legal residents of Mississippi, as defined above under LEGAL RESIDENCE OF AN ADULT, shall terminate upon their reassignment for duty in the continental United States outside the State of Mississippi.

CHILDREN OF MILITARY PERSONNEL: Resident status of children of members of the armed forces on extended active duty shall be that of the military parent for the purpose of attending the University during the time that their military parents are stationed within the State of Mississippi and shall be continued through the time that military parents are stationed in an overseas area with last duty assignment within the State of Mississippi, excepting temporary training assignments en route from Mississippi. Resident status of minor children shall terminate upon reassignment under permanent change of station orders of their military parents for duty in the continental United States outside the State of Mississippi, excepting temporary training assignments en route from Mississippi.

CERTIFICATION OF RESIDENCE OF MILITARY PERSONNEL: A military person on active duty stationed in Mississippi who wishes to avail himself or his dependents of the provisions of the paragraph titled MILITARY PERSONNEL ASSIGNED ON ACTIVE DUTY STATION IN MISSISSIPPI must submit a certificate from his military organization showing the name of the military member, the name of the dependent, if for a dependent, the name of the organization of assignment and its address (may be in the letterhead),that the military member will be on active duty stationed in Mississippi on the date of registration at the University; that the military member is not on transfer orders; and the signature of the commanding officer, the adjutant, or the personnel officer of the unit of assignment with signer's rank and title. A military certificate must be presented to the Registrar of the University each semester at (or within ten days prior to) registration for the provisions of the paragraph MILITARY PERSONNEL ASSIGNED ON ACTIVE DUTY STATION IN MISSISSIPPI, named above,.to be effective.

LEGAL RESIDENCE OF A FOREIGN STUDENT: Students with permanent immigrant status or refugee status can establish residence in the state by meeting the provisions of the Mississippi Statute.

PETITIONS FOR CHANGE OF RESIDENCY: Petitions for change of residency must be made on or before the last day a student may register at the particular institution without penalty.

REFUND POLICY: A student who officially withdraws after enrollment may obtain a refund in accordance with the following:

Through second week	80%
Through third week	60%
Through fourth week	40%
Through fifth week	25%
After fifth week	None

The refund schedule above applies to students who drop to an hourly load below full time or from an overload to full time or below. The applicable percentage then applies to the difference between fees calculated on the resulting hourly load and the original assessment.

Room fees are refunded only upon official withdrawal from the Univeristy. Board fees are refunded on the basis of full weeks remaining in the semester.

Appeals for refunds due to extenuating circumstances may be made in writing to the Vice President for Business and Finance, University of Southern Mississippi, Southern Station Box 5005, Hattiesburg, MS 39406-5005.

Students who find it necessary to withdraw from the University must submit written requests to the deans of their schools or colleges. Those students who are undecided as to their majors should direct their written requests to the Admissions Office. Oral requests will not be accepted.

TABLE I

EXPENSES EACH UNIVERSITY SEMESTER/SESSION

(All fees are subject to change without notice. See page ••.)

FULL-TIME STUDENTS	FALL, SPRING SEMESTERS	SUMMER SESSION
Fixed Fees		
General Tuition	$ 520.00	$ 289.00
Room Rent:		
Bolton	405.00	
Braswell House	485.00	323.00
Hillcrest and Elam Arms	485.00	323.00
Vann	470.00	
Other Air Conditioned Halls	425.00	283.00
All Other Halls	385.00	
Board:		
5-day plan	360.00	245.00
7-day plan	395.00	270.00
Other Fees When Applicable		
Non-Resident Fee	463.00	
**The Southern* (Fall only)	7.00	
**Post Office Box	16.00/yr.	
PART-TIME STUDENTS—Each semester hour - All Campuses:		
General Tuition—graduate student	58.00	40.00
General Tuition—undergraduate student	44.00	32.00
Non-resident fee:		
Graduate student	52.00	
Undergraduate student	39.00	

*Non-refundable. Charged the first semester attended each year to all full-time undergraduate students. Optional to all other students.
**Non-refundable. Optional to students living off campus. Assessed; $16.00 Fall, $11.00 Spring, $6.00 Summer.
General tuition, room, board, and post office, if applicable, are payable each semester/session.

TABLE II

SPECIAL FEES AND EXPENSES

Departmental Fees:	
REF 416, 616, 616, 622, 623;	
LS 416, 516, 616, 622, 623	$ 7.50 per course
ADE 494, 495	7.00 per semester
CIE 480, 482	20.00 per course
CIS 480, 481, 482, 483, 484, 485, 486, 487	
488, 489, 491, 492, 493, 494, 496	20.00 per course
SPE 481, 482, 483, 484, 486, each	20.00 per course
LS 489	10.00 per course
REC 300	50.00 per course
IVE 494	20.00 per course
IVE 495	2.00 per hour
CED 100 only	25.00 per semester
NSG 304	2.50 per course
NSG 424	10.00 per course
PED 136	10.00 per course

Music Fees—Private lessons for other than full-time music majors and for music majors taking private lessons not required for the degree being pursued:

Each semester hour per instructor	35.00
*Orchestral or Band Instrument rental	10.00 per semester

Honors College

Fee for binding thesis	6.00 each copy

Reading Center, Individual Remedial Instructions:

Special Students (non-credit)	40.00 per semester
Complete Reading Diagnosis	35.00 with written report
Re-evaluation	5.00

Speech and Hearing Clinic Services:

Speech and Language Evaluation	40.00 each
Speech and Language Therapy (Individual)	
2 fifty-minute sessions per week	312.00 per semester
3 fifty-minute sessions per week	468.00 per semester
Speech and Language Therapy (Group)	
2 fifty-minute sessions per week	156.00 per semester
3 fifty-minute sessions per week	234.00 per semester
Language Group	25.00 per month
Audiometric-Complete except for special tests.	25.00 per hour
Hearing Aid Evaluation	25.00 per hour
Impedance Tests	25.00 per hour
Special Tests	25.00 per hour
Ear Mold Impressions	9.50 each
Lipreading/Auditory Training	12.00 per hour
ENG Testing	65.00 each

Examinations and Graduation:

Challenge Examination per examination	10.00
Revalidation Examination	30.00 when applicable
Special Examination	3.00 when applicable
Graduation Fee-Bachelor	20.00 with application for degree
Certificate	2.75 when applicable

Continuing Education, Public Service, and Resident Center

Off-Campus Center	
Undergraduate Course	38.00 per semester hour
Graduate Course	45.00 per semester hour
Resident Center—laboratory fee	6.00 per course
Resident Center—typing fee	5.00 per course
Extension Center	
Undergraduate Course	38.00 per semester hour
Graduate Course	45.00 per semester hour
Independent Study Courses	29.00 per semester hour
High School Independent Study Course	40.00 per half unit

Registration and Records:

Change of Schedule	5.00 when applicable
Cooperative Education Program	25.00 when applicable
Late Registration	10.00
Evaluation Fee for Foreign Students (Non-refundable)	10.00 with application
Memorandum of Credits	1.00 each
Transcript of Credits	2.00 when applicable

Special fees are not normally refundable. However, requests for refunds of special fees will be based on circumstances existing at the times of requests.

STUDENT FINANCIAL AID

The following information is a summary of the financial aid program. **At press time, the Federal Government was making many changes in the program.** For further information and application forms, write to:

Director of Financial Aid
University of Southern Mississippi
Southern Station, Box 5101
Hattiesburg, Mississippi 39406-5101

Steps to Take in Obtaining Financial Aid

1. Since financial aid is awarded only to students who satisfactorily complete the requirements for admission to the University, it is necessary that new students have the following items on file in the Office of Admissions and Records.
   a. Admissions application (Entering Freshmen and Transfers)
   b. ACT examination score (Entering Freshmen only)
   c. College transcript showing previous college credit (Transfer students only)
2. Submit the American College Testing Program FAMILY FINANCIAL STATEMENT. (All students including those applying for academic scholarships should complete this statement.) Forms may be obtained from a high school guidance office or upon request from the USM Financial Aid Office.
3. Complete the Application for Student Assistance to attend the University of Southern Mississippi. The application will be considered for the following types of aid:
   Pell Grant
   National Direct Student Loan
   Nursing Student Loan
   Nursing Scholarship
   College Work-Study
   Supplemental Educational Opportunity Grant
   State Student Incentive Grant
   Academic Scholarships

APPLICATION DEADLINES

New students, currently enrolled students, graduate students, and transfers must submit the application and the ACT financial statement by **March 15** to receive full consideration. Late applications will be accepted and considered if funds permit.

TYPE OF FINANCIAL AID PROGRAMS AVAILABLE

The Financial Aid Office has the responsibility of administering major areas of financial assistance. These areas will be listed in three categories — loans, grants and scholarships, and student employment. Space will not permit description of each program in detail. Further information may be obtained by contacting the Financial Aid Office.

A. LOANS

1. National Direct (Defense) Student Loan Program (NDSL)

The National Direct Student Loan Program is for students who are enrolled full-time in a participating post-secondary institution and who need a loan to meet their educational expenses.

Students may borrow up to a total of: (a) $2,500 if they have completed less than two years of a program leading to a bachelor's degree: (b) $6,000 if an undergraduate student has already completed two years of study toward a bachelor's degree. (This total includes any amount borrowed under NDSL for the first two years of study): (c) $12,000 for graduate study. (This total includes any amount borrowed under NDSL for undergraduate study.)

Repayment begins six months after graduation or leaving school for other reasons. Students may be allowed up to ten (10) years to pay back the loan. During the repayment period five (5) percent interest is charged on unpaid balance of the loan principal.

No payments are required for up to three years while serving in the Armed Forces, Peace Corps, or VISTA.

There are loan cancellation provisions for borrowers who go into certain fields of teaching or specified military duty.

2. **Nursing Student Loans**

The Nursing Student Loan Program is intended to assist students in achieving careers in nursing by providing long-term, low-interest loans to help meet the costs of education. Students must be enrolled at least half-time in the School of Nursing. Depending on financial need, nursing students may borrow up to $2,500 per academic year. The total amount of a student's loan for all years may not exceed $10,000.

Repayment of the loan plus interest at six percent begins nine (9) months after the recipient ceases to be at least a half-time student.

3. **Guaranteed Student Loan** (GSL)

The Guaranteed Student Loan Program enables students to borrow directly from lenders in order to finance educational expenses. While the bulk of these loans are made by commercial lenders, some states and educational institutions also are lenders. The loans are insured by the Federal Government or guaranteed by a state or private nonprofit guarantee agency.

Students must be enrolled, in good standing, and making satisfactory progress or have been accepted for enrollmentat least half-time in an eligible college, university, or professional school, or an eligible vocational, technical, trade, business, or home study school.

The maximum a student may borrow as an undergraduate is $2,500 per academic year. Graduate and professional students may borrow up to $5,000 per academic year. The total that may be borrowed for undergraduate or vocational study is $12,500. The total for graduate and professional students is $25,000, including any amount borrowed for undergraduate study.

Graduate students enrolled in schools of medicine, osteopathy, dentistry, veterinary medicine, optometry, podistry, and public health may borrow up to $10,000 and pharmacy students up to $7,500. Total loans still may not exceed $25,000.

The interest rate is nine (9) percent, and the Federal Government will pay the interest until repayment of the loan begins.

The Loan Must Be Repaid. The loans may be cancelled only in the event of total permanent disability or death of the student borrower, but there are no other means of loan cancellation. Payments normally begin six (6) months after graduation or when the borrower ceases to be at least a half-time student, and students may be allowed to take up to ten (10) years to repay the loan. In most cases students must pay at least $360 a year unless circumstances as agreed upon with the lending institution warrant a lesser amount. The student may defer repayment for up to three years while serving in the Armed Forces, Peace Corps, or as a fulltime volunteer under the Domestic Volunteer Service Act of 1973 and for up to one year while actively seeking but not finding full-time employment. Repayment may also be deferred if the student borrower returns to school full-time at an eligible institution or is pursuing a course of study in certain approved graduate study.

B. GRANTS

1. **Pell Grants.** (Formerly Basic Grants)

The Pell Grant Program makes funds available to eligible students attending approved colleges, community/junior colleges, vocational schools, technical institutes, hospital schools of nursing, and other post-high school institutions.

Students may apply for a Pell Grant if they are undergraduate students enrolled on at least a half-time basis in an eligible program.

Students can apply for a Pell Grant by completing one of several different forms. The USM Financial Aid Office uses the American College Testing Program to determine eligibility. The forms are available at high schools and post-high school institutions. Within six (6) weeks of submitting the form, the student will be notified as to whether or not he is eligible.

He then submits the Notification to the school which will calculate the amount of the Pell Grant he is eligible to receive. The amount of the award is based on the determination of eligibility and the cost of attendance at the school. The grants range from $200 to $1800.

2. **Supplemental Educational Opportunity Grants** (SEOG)
   The Supplemental Educational Opportunity Grant Program is for students of exceptional financial need who, without the grant, would be unable to continue their education.
   Students must be enrolled full-time as an undergraduate or vocational student in an educational institution participating in the program. Graduate students are not eligible.
   An SEOG cannot be less than $200 or more than $2,000 a year.
3. **Nursing Scholarship Program.** (NS)
   The Nursing Scholarship Program is intended to assist students of exceptional financial need enrolled full-time in the School of Nursing. Depending on the financial need, students may receive up to $2,000 for an academic year.
4. **State Student Incentive Grant** (SSIG)
   The State of Mississippi through a matching grant program with the Federal Government and the University of Southern Mississippi provides grants to full-time undergraduate students who are residents of the State of Mississippi. Recipients must demonstrate substantial financial need and show academic promise. Grants may range from $200 to $1,500 per academic year. Selection of recipients is made by the Financial Aid Office. Students must complete the ACT Financial Statement and the USM Financial Aid Application to be considered for this grant.
5. **University Scholarships**
   a. **Freshman:** Two Achievement Scholarship Programs are available to entering freshmen each year.
   1. **Presidential Scholars:** Four Presidential Scholars shall be selected by the President of the University of Southern Mississippi. Applicants for this scholarship should have superior ACT scores, a high school grade point average of at least 3.5 on a 4.0 system and have demonstrated leadership ability. The application shall be postmarked no later than **March 15.** Recipients must enter the Honors College. The value of this award is $2,824 per year for a four-year period. (The recipient will receive increments of $1,412 at registration each semester.) Applications can be obtained by writing: Honors College, Box 5162, Southern Station, Hattiesburg, Mississippi 39406-5162.
   2. **Honors Scholars:** Forty-six (46) Honors Scholars shall be named each year. Applicants for this award should have minimum ACT scores of 28 to 36, a high school grade point average of 3.5 or above and have demonstrated leadership ability. The application shall be postmarked no later than **March 15.** Recipients shall enter the Honors College. The value of the award is $550 per year for four years for a total of $2,200. The recipient will receive increments of $275 at registration each semester. Applications can be obtained by writing Honors College, Box 5162, Southern Station, Hattiesburg, MS 39406-5162.
   b. **Upperclass General Academic Scholarships:** Scholarships are available each year to upperclass students based upon general academic achievement, leadership, major field of study, financial need, and other stipulations which may be imposed by the donor. Applications must be made each academic year for these scholarships. The value of these awards range from $100 to $1,000 per academic year. Applications can be obtained by writing the Director of Financial Aid, Box 5101, Southern Station, Hattiesburg, MS 39406-5101.
   c. **Phi Theta Kappa Scholarships:** Members of Phi Theta Kappa from any Mississippi junior college shall be awarded a $300 scholarship. The recipient will receive increments of $150 per term for the first two semesters at the University. Applications may be obtained by writing Director of High School and Junior College Relations, Box 5011, Southern Station, Hattiesburg, MS 39406-5011.
   d. **Regional Scholarships:** A limited number of awards are available to non-residents of the State of Mississippi. This scholarship represents a waiver of non-resident fees only. These awards are based upon academic record, ACT test scores, and citizenship record. Applications may be obtained by writing, Director of Financial Aid, Box 5101, Southern Station, Hattiesburg, MS 39406-5101. **March 15th** is the priority date for applications.
   e. **Service Scholarships:** These scholarships are available in athletics, band, music, etc. Service scholarships are based upon skill and performance in such endeavors as music and athletic ability. Applications can be obtained by writing: Band and

Music, Dean, College of Fine Arts, Box 5031, Southern Station; for Athletic scholarships write Athletic Director, Southern Station, Box 5017, Hattiesburg, MS 39406-5017.

f. **Valedictorian Scholarships:** Any valedictorian from a Mississippi public or private school may be awarded up to $400, based on ACT scores, as a Valedictorian Scholarship upon acceptance for admission to USM, to be paid Fall Semester of the freshman year only. Applications may be obtained by writing the Director of High School and Junior College Relations, Southern Station, Box 5166, Hattiesburg, MS 39406-5166.

C. STUDENT EMPLOYMENT

1. College Work-Study Program

The College Work-Study Program is authorized under Title IV of the Higher Education Act of 1965. The primary purpose of the College Work-Study program is to stimulate and promote part-time employment for students. The program is designed for these students who are in need of earnings to pursue their course of study at USM. Primary consideration is given to students with the greatest financial need.

2. Student Employment On Campus

The University employs students who are not eligible to receive the federal financial aid programs. Applications are accepted year-round and are considered as student employment vacancies occur. Contact the Student Employment Office, McLemore Hall, for applications and additional information.

3. Student Employment Off Campus

Employment positions are available to many students in Hattiesburg and the surrounding community. The Office of Student Employment collects applications for work off campus. Referrals are made as requests are received from off-campus agencies.

FINANCIAL AID POLICIES

1. In determining need, the Financial Aid Office will use the financial need analysis systems of the American College Testing Program. The applicant's need for financial assistance must be established by filing the appropriate applications for financial assistance.

Students applying for need-based academic awards must also complete the financial statement to be considered.

2. Financial aid is awarded on an academic year basis (September to August). Applicants must file an application and a financial statement each academic year to continue any type of financial assistance.

3. In awarding financial aid funds, primary consideration is given to an applicant's demonstrated financial need. Consideration is also given to evidence of an applicant's potential to achieve or maintain normal academic progress at USM.

4. Any financial aid commitment involving the use of federal funds is tentative and conditional upon subsequent Congressional appropriation and actual receipt of the funds by the University of Southern Mississippi.

5. The Financial Aid Office reserves the right on behalf of the University to review and cancel an award at any time because of changes in the student's financial or academic status, changes of curriculum, the student's failure to register for the draft, or the student's 407, 411, and 504 (a).

6. During the award year an applicant who is placed on academic probation may retain his financial aid award (except selected scholarship aid) as long as he is not academically dismissed and permitted to register for each succeeding term of the award year. If a student is suspended from the University for academic reasons, he is ineligible to receive aid the first term he returns.

7. The applicant's personal and leadership qualities will be evaluated. A student dismissed from the University for disciplinary reasons shall have his financial aid terminated immediately and for an indefinite period. The student may appeal to the Financial Aid Committee to reinstate his financial aid after the first term he returns to the University.

8. In awarding financial aid, priority will be given to applicants who apply before the **March 15th** priority date.

9. Priority will be given all student applicants for financial aid accepted for admission or enrolled as full-time students (minimum of twelve (12) semester hours for undergraduates and nine (9) semester hours for graduate students). If a student drops below the minimum number of hours to be classified as a full-time student, he is required to report any change to the Financial Aid Office. The Financial Aid Office may require that he repay a portion of the aid he has received for that term. Failure to do so could result in the cancellation of his financial aid program.

10. Several scholarship programs require the applicant to maintain a specified grade point average. The scholarship recipient will be notified of the approved grade point average that must be maintained at the time the award is made.

11. Students who withdraw during a semester must notify the Financial Aid Office. Students who withdraw before completing a semester may be expected to repay the entire award at the time of withdrawal or their aid for succeeding terms may be cancelled. If the student is entitled to a refund, the refund shall first be credited to the student aid account from which the student received assistance.

12. The National Direct Student Loan and the Nursing Student Loan Programs require repayment; therefore, each student borrower must schedule a terminal interview with the University Bursar prior to withdrawal or graduation.

13. Normally the financial aid award will be disbursed in equal payments at the time of registration. The applicant receiving an employment award will receive wages bi-weekly.

14. The University reserves the right to release to the United States Office of Education, state agencies, scholarship donors, and University scholarship selection committees any information requested pertinent to this application, i.e., enrollment status, address, grade point average, and financial need.

15. The University reserves the right to release all public announcements concerning scholarship winners; however, the amount of the stipend will be kept confidential.

GUIDELINES FOR MARRIED STUDENTS

As the number of married students attending the University increases, it is necessary for the University to provide facts about educational and living costs and to suggest methods of meeting these costs. The financial situation of married students is completely different from that of a single student. Their expenses are obviously higher, but they may also have more substantial resources; therefore, they need to have a different approach in meeting their educational and living expenses while attending the University of Southern Mississippi.

One of the most practical and popular ways of financing marriage and education is to have one spouse attend school while the other works full-time. In this way, the employed spouse can meet the bulk of the married student's living costs as shown in the University of Southern Mississippi Student Budgets. As a general rule the University cannot totally support both husband and wife as students.

A student applicant should recognize that marriage does not, in and of itself, classify him as an independent student. Students married less than 18 months may be considered as dependent upon their parents. If parents have been providing financial support, the student marriage should not significantly affect the parents' ability to assist the student. Therefore, in cases where the student does not meet all the requirements for independency, parents of the student will be required to submit income and asset information on the ACT Family Financial Statement in addition to the income information of the student and spouse.

FINANCIAL AID RETENTION POLICIES

1. The Financial Aid Office strictly adheres to the academic standards as presently established by the University and outlined in this **Bulletin.**

2. Students who do not achieve the prescribed academic standards and are academically suspended shall be ineligible to receive aid the first semester that they are permitted to return to school. If, after that first semester, they show academic improvement, they may reapply to the Financial Aid Office to have their financial aid reinstated.

3. Students who fail all of their courses in any semester and are academically suspended from the University shall be ineligible to receive financial aid the first semester that they are permitted to re-enroll. If, after that first semester, their grades show improvement, they may reapply to the Financial Aid Office to have their aid re-instated.

4. Students who enroll and receive financial assistance as full-time students shall be required to maintain their full-time status.

5. Students who enroll and receive financial assistance as a full-time student but then drop below full-time status shall be required to repay to the student aid account from which they received aid, a prorata share of assistance received or their aid for the succeeding term will be cancelled.

6. Students who change their enrollment status from full-time to part-time status because of medical reasons may be exempted from repayment. The nature of the medical problem must be submitted to the Aid Office in writing at the time of withdrawal from classes.

7. Students who change enrollment status and withdraw from classes for other than medical reasons may appeal to the Financial Aid Committee for a waiver of repayment. Appeals should be in writing and submitted to the Director of Financial Aid prior to the end of the semester in which the changes occur. Appeals will be decided by the Financial Aid Committee.

8. Students who withdraw from all their classes during a semester in which they received financial assistance may be expected to repay the total amount of aid received, excluding college work-study earnings or future aid at USM would be terminated for the next term of enrollment. Exceptions will be made for the students withdrawing for medical reasons. All other exceptions must be approved by the Financial Aid Committee.

GUARANTEED STUDENT LOAN DISBURSEMENT POLICIES

In an attempt to assure the United States Federal Government and other Guaranteeing Agencies, the U.S. Commissioner of Education, lending agencies, the University of Southern Mississippi and student borrowers, that Guaranteed Student Loan proceeds are utilized for the purpose intended, checks representing the proceeds of these loans and naming the University of Southern Mississippi as a "joint endorser" shall be handled in the following manner:

A. Guaranteed Student Loan Program

1. Upon endorsement by the student payee and the University of Southern Mississippi, the funds will be deposited in the "student depository" and disbursed to the student by the University Business Office in equal amounts proportionate to the loan period represented by the check.
2. Of the funds for one semester or term, loan proceeds will first be applied to the student's fees payable to the University, including tuition, room and board, Pine Haven rent, and any and all other current fees and/or past due fees. When the loan proceeds for a current term exceed current and past due fees, the balance shall be paid directly to the student.

B. State Agencies and Other Guarantee Agencies

1. Upon endorsement by the student payee and the University of Southern Mississippi, the University shall first deduct any and all current and past due fees. Next, and at the time the check is transacted, the student shall be required to deposit with the University an amount which will pay the student's educational expenses for and during the remaining loan period represented by the check. Educational expenses for the remaining period will be considered to be under the same circumstances as at the time the check is transacted. When the loan proceeds exceed these educational costs, the balance shall be paid directly to the student.

Any funds remaining on deposit due to the student's withdrawal from the University or failure to reenroll during the loan period, or funds reimbursable due to the student's withdrawal during a term will be returned to the lender from which the student loan was obtained.

ROTC SCHOLARSHIP PROGRAM

See Military Science and Aerospace Studies sections for scholarship information.

MARINE OFFICER PROGRAMS

Qualified students may apply for an officer program leading to a commission as a Second Lieutenant in the United States Marine Corps. Commissions are offered in both ground and aviation components. The Platoon Leaders Course (PLC) is offered to freshmen, sophomores, and juniors who attend precommissioning training during the summer. Financial assistance and Flight Indoctrination Programs are available. Qualified seniors attend twelve weeks of training in the Officer Candidate Course (OCC) after graduation. For details, contact the Placement Officer or the Marine Officer Selection Officer when he is on campus.

UNIVERSITY OF SOUTHERN MISSISSIPPI FOUNDATION

The University of Southern Mississippi Foundation is a Mississippi corporation whose sole purpose is to receive and manage gifts, contributions, and donations to the University of Southern Mississippi for educational purposes. It provides a centralized receptacle for receiving gifts of any nature to the University, handling these in a manner prescribed by the donor or in accordance with good business judgment, and making the gifts work for the growth and development of **Southern.** The Foundation is managed by a Board of Directors composed of former students and friends of the University.

The Foundation Charter was so drawn that assistance could be given to any area of development at **Southern** so long as it is used for educational purposes. Some of the long-range plans include: sponsoring research, sponsoring faculty chairs, supplementing faculty salaries, aiding the library, providing special equipment, making possible achievement awards for faculty and students, providing fellowships and scholarships, and contributing to the building of the physical plant.

During the early years of the Foundation, emphasis will be placed on securing scholarship funds. This is considered to be one of the greatest needs at the present time. The Foundation solicits the funds, but the awards are made by the University Scholarship Committee.

SCHOLARSHIPS AVAILABLE THROUGH THE FOUNDATION

Accounting Achievement Endowment—Scholarships to recognize achievement by accounting majors and other activities for the benefit of the School of Professional Accountancy.

Reynolds T. Alonzo, Sr., Loan Fund—To assist students to continue their college education.

American Legion, Bourgeois-Stieffel-Ray Post 77 of Waveland—Students in Hancock County are eligible based on financial need, academic standing, and character, leadership ability, and initiative.

American Legion Post 139, Bay St. Louis—Scholarships for worthy undergraduate students who maintain C or better average with preference given to children of Post members who reside in Hancock County.

American Tung Growers Loan Fund—Provides rotating loans for junior, senior, and graduate students majoring in Polymer Science.

Associated General Contractors Scholarship of Mississippi Incorporated—Provides scholarships for the building construction technology program in the College of Science and Technology.

Oliver V. Austin—Deserving, undergraduate major in science.

Nancy Baker Scholarship Endowed—Awarded to graduate student in Social Work upon recommendation of that area.

Mr. and Mrs. Matt B. Bankston—Capable and deserving student residing in South Mississippi in need of financial assistance.

Carrie Norton Herring Bennett—Fellowship to be awarded to a graduate student in the School of Home Economics upon the recommendation of the faculty of that School. Recipients must pay at least half of the sum received within two years of graduation or last attendance.

R. G. Bigelow—High academic, junior, senior, or graduate student who plans to teach.

Judge R. J. Bishop Memorial Scholarship—To be awarded to students in liberal and fine arts, scientific and pre-professional with preference to Wayne County residents.

S. H. Blair Scholarship—Awarded to any qualified student at USM who graduated from the Hattiesburg Public School System, in need of financial assistance, who is enrolled in the area of School Administration or the area of Physical Education showing a preference for the coaching field other than scholarship athletes.

B.P.O. Elks Lodge 599, Hattiesburg—Awarded to a capable and deserving student from Forrest, Jones, Perry, Lamar, Covington or Marion County.

Alfred A. and Dorris R. Breeland—To be awarded to a junior or senior student in the College of Business Administration with preference given to accounting majors.

Kathy Brown—Sponsored by Pen and Sword—Funds from this endowment program shall be awarded to: 1—Active military personnel or dependents of former USM Bootstrappers; 2—Dependents of military personnel; or 3—Other eligibles.

Frank A. Cain—Capable and deserving student who participates in Student Government.

Century Club—Scholarships for athletes.

Chevron, USA, Inc.—Award to junior or senior students majoring in journalism with certain economic courses, upon recommendation of Journalism Department.

Bobby Chain—Native Mississipian with ACT of 18 who is studying technology and maintains GPA of 2.5, with a financial need.

Citizens Bank, Columbia—Capable and deserving Marion County student.

Citizens Bank of Hattiesburg—Capable and deserving student with preference given to Forrest County and/or Mississippi.

Pearl Campbell Scholarship—To benefit needy and deserving first-year undergraduate students who plan to major in the field of Home Economics.

Kent Collins Memorial Football Scholarship

William M. Colmer American Studies Scholarship—Recommendations will be made from American Studies Committee, Chairman of Department of Political Science, and Dean of the College of Liberal Arts for students in American Studies who demonstrate the ideals which Mr. Colmer held in love, loyalty, patriotism to his country.

Commercial National Bank and Trust Company, Laurel—Capable and deserving Jones County student.

Computer Science—Award to students in this field upon recommendation of this department.

Betty Dukes Craft—Sponsored by Forrest County Home Economics Alumnae and James K. Dukes, brother of Betty Dukes Craft. Outstanding student in Home Economics.

Horace Dickerson—Loan to be awarded to a person on master's level in guidance and counseling or a related field; funds to be repaid after graduation.

LTC. Donald E. Dilley Memorial—Preference given to children of present or former employees of the Patrick F. Taylor interests.

Distinguished Professor Award—Presented in the name of the Distinguished Professor of the Year in the same discipline.

Dow Chemical—Awarded to students in Chemistry or Plastics Technology.

Faulkner Concrete Pipe Company, Hattiesburg—Merit and need.

Fine Arts Scholarship—Awarded to deserving Fine Arts major, upon recommendation of the College.

First Guaranty Savings and Loan Association—Junior or senior majoring in Accounting, Marketing, Finance, or Real Estate who resides in Forrest, Harrison, Pike, Covington, Pearl River, Jeff Davis, or Lamar County.

First Magnolia Federal Savings and Loan—Economics or Finance.

First Federal Savings and Loan Association, Pascagoula-Moss Point—Capable and deserving Jackson County student.

First Mississippi National Bank, Hattiesburg—Best interest of the University with preference to surrounding area students. Economic need is a factor. Ten awarded.

First National Bank of Laurel—Awarded to a resident of Covington, Jasper, Jones, Perry, Smith, or Wayne County.

Hugie Lee Foote, Jr. Scholarship—Worthy student of foreign languages upon recommendation of that department.

Mr. and Mrs. L. Y. Foote Endowment—Best interest of the University with economic need a factor.

Forrest County Alumni Chapter—Capable and deserving Forrest County students.

Bertha M. Fritzsche Graduate Fellowship—Outstanding student in Home Economics.

Austin Edward and Maude M. Gordon—Capable and deserving student in Nursing.

Reed Green—Worthy student majoring in Athletic Administration and Coaching, upon recommendation of that department.

Katherine L. Guice Memorial Social Work Scholarship—Awarded to a capable and deserving student in Social Work upon the recommendation from the faculty in that area.

Gulf National Bank, Gulfport—Hancock or Harrison County student with B average in high school with financial need.

Lester Haddox—Worthy and promising student from Marion, Amite, Lincoln, Pike, or Walthall County.

Clifford H. and Dr. Sarah L. Hagenson—To be awarded to a student majoring in Early Childhood Education upon recommendation by College of Education and Psychology.

Hancock Bank, Gulfport—Junior or senior student residing in Hancock or Harrison County, majoring in Business Administration.

Harrison County Alumni Chapter—Capable and deserving Harrison County students.

W. B. Harlan Memorial—Economic need, male student in Business Administration.

Hattiesburg Board of Realtors—Given in honor of Past Presidents of the Board to students who are in the real estate program with preference to permanent residents of Forrest, Lamar, Marion, Covington, Perry, and Stone counties.

Hercules, Incorporated—Scholarships to be awarded to financially needy students in the College of Science and Technology beyond the sophomore year upon the advice of the dean; at least one to be awarded to a member of a minority race.

Fern R. Hesson—Scholarship for worthy undergraduate student in the field of School Food Services.

Alma Hickman—Capable and needy student.

Hub City Kiwanis Club, Memory of Dr. Bill Poirier and Harold Barger—Awarded to capable and deserving student active in student affairs.

Institution Administration—To be awarded to students in Institutional Administration area, upon recommendation of that department.

Jones County Alumni Chapter—Capable and deserving Jones County students; preference given to junior or senior students.

Junior Panhellenic Council—Scholarships for outstanding sorority women.

Eleanor and J. B. Kirkland—Provide scholarship assistance to capable and deserving students.

Mr. and Mrs. L. C. Kirkland Endowed Scholarship—Established in memory of their parents, Mr. and Mrs. George Tyson Brewster and Mr. and Mrs. Elijah Thomas Kirkland; to be awarded to capable and deserving students in need of financial assistance.

Selma Krell Endowed—Students in the Department of Theatre and Dance.

Ethel Whatley Kroker—Awarded to capable and deserving students with preference given to blood relatives, according to ability and financial need.

Mr. and Mrs. J. D. Lewis Endowment—Scholarship to be awarded on the basis of citizenship record, economic need, academic work, and Mississippian.

L & A Contracting Company—Capable and deserving student.

Lamar County Alumni Chapter—Capable and needy Lamar County student.

Lanelle Gaddis Long Home Economics—Capable and deserving student in this area.

Paul McMullan—Awarded to Mississippians in the area of banking and finance.

Carl L. McQuagge Memorial—Awarded to a person planning to teach school.

Raymond Mannoni—Students majoring in the College of Fine Arts on merit basis.

Marion County Alumni Chapter—Honoring Doyle M. Coats and Miss Chrystelle Ford; to be presented to an outstanding Marion County student.

Medical Technology—Majors in this area.

Merchants and Manufacturers Bank—Capable and deserving Jones County area student.

Merchants Company Employees—Capable and deserving Mississippian in the College of Business Administration.

Mississippi Gulf Coast Craftsman Guild, Inc.R.W. Pittman Memorial—Full-time student of junior or higher standing who is majoring in a three dimensional craft such as woodworking, woodcarving, pottery, sculpturing, etc., or in a graphic fine art such as painting, drawing, print-making, etc.

Mississippi Concrete Industries—Awarded to full-time student, Mississippi resident in Department of Construction and Architectural Technology, financial need also; selection by department head, a professor, and representative of Mississippi Concrete.

Mississippi Gulf Coast Foundation—Provide financial support for USM Gulf Park, including scholarships.

Movie Star, Inc.—Capable and deserving student, preference given to children of employees.

Munro Petroleum & Terminal Corporation—Student in master's degree program in Economic Development, upon recommendation of that area.

William Walter Munson Memorial—Worthy boys and girls who are enrolled as regular students.

Nursing Scholarships—Capable and deserving students majoring in Nursing.

George Robert Olliphant Memorial—Scholarships for needy and deserving students from Mississippi with preference to Enterprise or to Clarke County.

Fannie Ozell Owings—Student majoring in Home Economics upon recommendation of that area.

Paint Research Institute—Graduate fellowship in Chemistry.

John H. and Claudia S. Parker—Capable and deserving student.

Tom Pevey Memorial Award—Sponsored by Hattiesburg Lion's Club for speech and Hearing Science majors.

Pi Omega Pi—Outstanding student in Business Education.

Mary W. Pulley, Mr. and Mrs. James L. Pulley, and Mrs. Jessie P. Gough Memorial Endowed Scholarships—To help worthy students in the ongoing of their education.

M. M. Roberts—Capable and deserving undergraduate student who is a Mississippian.

Abbie Rogers—Awarded to junior or senior student majoring in Special Education—Mental Retardation. To be selected by committee composed of a member of Hattiesburg Civitan Club, Forrest County Association of Retarded Citizens, and Special Education Department.

School of Social Work Fellowship—Awarded to those in this School.

Bill Shafer Scholarship—Doctoral level student in Counseling Psychology upon recommendation of committee.

Star-Herald Scholarship—To be awarded to a needy student in Journalism upon recommendation of Journalism faculty.

Mike and Betty Stetelman Endowed—Interest from funds invested will assist with the Athletic Scholarship Program.

W. W. Stout Memorial—Creative student majoring in English.

John W. Stubbs Memorial Fund—Interest from funds invested will provide annual assistance for the Golden Eagle Athletic Scholarship program.

Study Abroad—To assist students in their Studies Abroad Program sponsored by the Foreign Language Department.

Emmett V. Thomas—Funds to be used by mature persons who no longer have a spouse and need to train for a position to provide for economic security.

John D. Thomas Family Home Economics—Capable and worthy student majoring in Home Economics.

John D. Thomas Family Music Scholarship—Music majors, sophomore or advanced standing, good academic average, Baptist, financial need. Sponsored by Mr. and Mrs. John D. Thomas, Hattiesburg.

William A. Thomson—Capable and deserving student in the Hattiesburg area.

Douglas A. Traweek—Senior student with preference given to Clarke County.

Unifirst Federal Savings and Loan Association—Awarded to a capable and deserving student in need of financial assistance.

B. O. Van Hook Golf Scholarship—Scholarships for outstanding members of the golf team.

J. Fred Walker—Awarded to an outstanding student in Biology or pre-med each year.

Walthall Citizens Bank—Capable and deserving Walthall County student.

Leon and Ivah Wilber Endowed — Award $50 to Outstanding Freshman Woman Student and divide the balance between the Outstanding Panhellenic Woman and an outstanding senior in Political Science who plans to do graduate work at USM.

John Everett Williams Memorial—Sponsored by Jackson County Alumni Chapter—Outstanding students from Jackson County.
Lowery Anderson Woodall—Award to students in the College of Business Administration upon the recommendation from that area.
WVMI-WQID Scholarship—Capable and deserving student in the communications field with preference to radio.
Mrs. Edna Daves Yarbrough Endowed Scholarship—To be awarded on the basis of evident Christian dedication, belief in God and the Christian faith, application or ability to opportunity and evidence of definite need, good moral character and a high respect for the United States Government.
1958 Class Endowment—Capable and needy student.
1959 Class Endowment—Capable and needy student.
1960 Class Endowment—Capable and needy student.
1961 Class Endowment—Capable and needy student.
1962 Class Endowment—Capable and needy student.
Scholarship Fund of the Sixties—Capable and needy student.

UNIVERSITY LIBRARY SERVICES

Library functions at the University of Southern Mississippi are organized into three major units: the Joseph Anderson Cook Memorial Library, the William David McCain Graduate Library, and the Teaching-Learning Resource Center. Each unit is administered by a director who reports to the Dean of the School of Library Service. In addition to serving as the academic dean to these directors, the Dean of the School of Library Service also has primary responsibility for the academic program of professional education in librarianship. Thus, the School of Library Service unites University libraries and related instructional faculty into one administrative structure.

The Joseph Anderson Cook Memorial Library

The Joseph Anderson Cook Memorial Library contains the principal collections of books, microforms, and other printed materials which directly support the instructional program of the University at all levels. The building is a modern, two story structure which is fire-proof and air-conditioned. Being of modular construction, the building readily lends itself to readjustments in the shelving of materials as holdings increase. Book stacks and reading areas are intermingled throughout the building, and the open shelf method of access to materials is utilized. The library is currently acquisitioning approximately 30,000 new volumes annually and maintaining 4500 current journal subscriptions. In 1974, the Cook Library converted from the Dewey Decimal Classification System to that of the Library of Congress. Reclassification from Dewey to Library of Congress is proceeding as rapidly as possible. Until reclassification is complete, however, it will be necessary to maintain two shelving systems. The Library uses the computerized cataloging services of the Southeastern Library Network and the Online Computer Library Center to process both its new and reclassified materials. Access to dozens of on-line data bases is provided through the Southern Computer Assisted Retrieval Service (SCARS). These data bases provide bibliographic citations and textural or factual information on a wide range of subjects.

The William David McCain Graduate Library

The William David McCain Library, which opened in 1976, contains the University's special collections of manuscripts, books, and memorabilia and the University Archives. These collections are maintained primarily to support research in selected areas. Among the special collections, the following holdings are the most prominent: Mississippiana, the de Grummond Children's Literature Collections; the Woods Collection of rare books, the papers of William M. Colmer, Theodore G. Bilbo, Paul Johnson, and M. M. Roberts; the Walen Collection on the Confederacy and the Civil War, and the distinguished Cleanth Brooks Collection of *belles lettres*.

The Teaching Learning Resource Center

Students are provided access to non-print media through the Learning-Resource Center located in Room 107 on the ground floor of the McCain Library. The Center contains study carrels for individualized, self-paced learning. These carrels are equipped with a variety of audio-visual devices including audio cassette players, videocassette players, slide projectors, filmstrip projectors, and motion picture projectors. The non-print media collection contains material from a variety of subjects and is supplemented by materials placed on reserve in the Center by faculty members. The Teaching-Learning Resource Center also provides a wide range of services to faculty members in order to assist them in maintaining a high level of instructional quality for students enrolled at the University of Southern Mississippi.

UNIVERSITY OF SOUTHERN MISSISSIPPI ALUMNI ASSOCIATION

The Alumni Association has been in existence since 1917. During the early years its chief function was related to placement service. Beginning with the session of 1945-1946, the organization experienced a rebirth. Recognizing the fact that a working alumni association is vital to the development of the institution, the Executive Committee began the organization of alumni groups in the various counties of the state. On July 1, 1953, a full-time executive secretary was employed.

The Association publishes the ALUMNI NEWS magazine four times a year. Active members of the Association receive all issues while four issues of SOUTHERN NEWS AND VIEWS are mailed to all persons on record in the Alumni Office. Graduates and former students are urged to become active members of the organization and to help support the program of activities that is designed to assist the University in its growth and development.

The Alumni Association sponsored the drive to raise the funds necessary for the construction of the first R. C. Cook University Union Building (now R. A. McLemore Hall). These funds were secured from alumni, faculty, students, friends, and the people of Forrest County and the state.

For the past several years the Association has enlisted in excess of 10,000 active members with 15,537 being included during the most recent year. This has grown from 158 during the 1952-1953 year.

At the 1954 Homecoming meeting, the Association voted to observe March 30 as University of Southern Mississippi Day. Former students of the University are urged to get together on this date when two or more reside in the same area. Organized chapters elect officers at this meeting. March 30 was selected from the important dates in the history of the school because it was on this day in 1910 that the Mississippi Legislature enacted legislation establishing the institution.

The Alumni Association helped set up the University of Southern Mississippi Foundation which is the receptacle for all gifts to Southern, which gifts are, in turn, channeled into scholarships for the students.

The Association organized, and works very closely with, the Student-Alumni Association. The purpose of this organization is to get students involved with the activities which the Alumni Association promotes in the interest of the University. A maximum of 100 students are selected on the basis of their leadership ability and where they reside; these students are a very interested and active part of the Association.

A. ORGANIZATION FOR INSTRUCTION

The University of Southern Mississippi for purposes of undergraduate instruction is organized into the College of Business Administration, the College of Education and Psychology, the College of Fine Arts, the College of Liberal Arts, the College of Science and Technology, the School of Health, Physical Education, and Recreation, the School of Home Economics, the School of Library Service, and the School of Nursing.

The University of Southern Mississippi offers baccalaureate degrees in the following areas.

1983-1984

College/School	Department	Majors	Degree*
College of Business Administration			
	Economics		
		Economics	BA, BSBA
	Finance and General Business		
		Banking and Finance	BSBA
		Business Administration	BSBA, BS
		Real Estate and Insurance	BSBA
	Management		
		Industrial Management	BSBA
		Personnel Management	BSBA
	Marketing		
		Marketing Management	BSBA
	School of Professional Accountancy		
		Accounting	BSBA
College of Education and Psychology			
	Business Education		
		Bilingual Secretarial Studies	BS
		Business Education	BS
		Office Management	BS
	Counseling Psychology and Counselor Education		
		Social and Rehabilitation Services	BS
	Curriculum and Instruction		
		Elementary Education	BS
		Secondary Education	BS
	Industrial and Vocational Education		
		Industrial Arts	BS
		Industrial Mechanics	BS
		Industrial and Vocational Education	BS
	Psychology		
		Psychology	BA,BS
	Special Education		
		Special Education	BS
College of Fine Arts			
	Art		
		Art	BA,BFA
		Art Education	BFA
	Music		
		Music	BM
		Music Education	BME
	Theatre and Dance		
		Dance	BFA
		Theatre	BFA

*Degree Abbreviations: (BA) Bachelor of Arts, (BFA) Bachelor of Fine Arts, (BM) Bachelor of Music, (BME) Bachelor of Music Education, (BS) Bachelor of Science, and (BSBA) Bachelor of Science in Business Administration.

College/School	Department	Majors	Degree*
College of Liberal Arts			
	Communication (Division)		
		Communication	BA,BS
	Criminal Justice		
		Criminal Justice	BA,BS
	English		
		English	BA,BS
	Foreign Language		
		Classics	BA,BS
		German	BA,BS
		Spanish	BA,BS
	Geography and Area Development		
		Community and Regional Planning	BS
		Geography	BA,BS
	History		
		American Studies	BA,BS
		History	BA,BS
		Latin American Studies	BA,BS
		Social Studies	BA,BS
	Journalism		
		Advertising	BA,BS
		Journalism	BA,BS
	Philosophy and Religion		
		Philosophy	BA,BS
		Philosophy and Religion	BA,BS
	Political Science		
		Paralegal Studies	BA,BS
		Political Science	BA,BS
		(Pre-Law)**	
	Radio, Television, and Film		
		Radio, Television, and Film	BA,BS
	Sociology and Anthropology		
		Anthropology	BA,BS
		Sociology	BA,BS
	Speech and Hearing Science		
		Audiology	BA,BS
		Education of the Deaf	BA,BS
		Language Disorders	BA,BS
		Speech Pathology	BA,BS
	Speech Communication		
		Speech Communication	BA,BS
College of Science and Technology			
	Biology		
		Biology	BA,BS
	Chemistry		
		Chemistry	BS
	Computer Science and Statistics		
		Computer Science	BS
		Computer Science/Data Processing	BS
		Computer Technology	BS
		Statistics	BS
	Construction and Architectural Technology		
		Architectural Technology	BS
		Building Construction Technology	BS
	Geology		
		Geology	BS

College/School	Department	Majors	Degree*
	Industrial Technology		
		Electronics Technology	BS
		Industrial Technology	BS
		Mechanical Technology	BS
	Mathematics		
		Mathematics	BA,BS
	Medical Technology		
		Medical Technology	BS
	Microbiology		
		Microbiology	BS
	Physics and Astronomy		
		Physics	BS
	Polymer Science		
		Polymer Science	BS
	Science Education		
		Science Education	BS
School of Health, Physical Education, and Recreation			
	Athletic Administration and Coaching		
		Athletic Administration and Coaching	BS
	Health and Safety Education		
		Health Education	BS
	Physical Education		
		Physical Education	BS
	Recreation		
		Recreation	BS
School of Home Economics			
	Environmental Design		
		Clothing Merchandising	BS
		Clothing and Textiles	BS
		Interior Design	BS
	Home Economics Education and Family Life Studies		
		Child Development	BS
		Home Economics Education	BS
		Home Economics in Equipment	BS
		Marriage and Family Living	BS
	Institution Administration		
		Dietetics	BS
		Hotel and Restaurant Administration	BS
School of Library Service			
	Library Science		
		Library Science	BA,BS
School of Nursing			
	Nursing/Baccalaureate Program		
		Nursing	BS

*Degree Abbreviations: (BA) Bachelor of Arts, (BFA) Bachelor of Fine Arts, (BM) Bachelor of Music, (BME) Bachelor of Music Education, (BS) Bachelor of Science, and (BSBA) Bachelor of Science in Business Administration.
**This program does not lead to a degree. Students completing pre-professional programs will select an academic major with an emphasis in the appropriate pre-professional area

Obviously, many of these majors involve the closest cooperation among the University's academic departments. A detailed analysis of majors, emphasis areas, and minors is found under the section of this catalog devoted to each specific college or school.

B. GENERAL ACADEMIC REGULATIONS

1. Penalties for Late Registration: Registration will continue after the close of the scheduled registration period (see Calendar) for seven class days.

A late registration fee will be charged to all students registering after the scheduled registration period. The fee is ten dollars ($10.00).

2. Change of Schedule and Withdrawal from the University: A student is permitted to drop a course through the 25th class day. After the 25th class day, an academic dean may grant a student permission to drop a course under extenuating circumstances. In all such cases the student will receive a grade of **W** or **F**. A fee of five dollars ($5.00) is charged for a change in registration after the seventh class day

A student withdrawing from the University prior to the deadline for dropping classes will not receive any grades. His record will show the date of withdrawal only. A student withdrawing after the deadline for dropping courses will receive a grade of **W** or a grade of **F**.

3. Load of Work: The typical student load is twelve (12) to nineteen (19) semester hours. Nine (9) to fourteen (14) hours is considered a full load during the summer session.

a. Freshmen and Sophomores—Nineteen hours is the maximum load for freshmen and sophomores without dean of college or school approval.

b. Juniors and Seniors—Not over 19 hours without dean of college or school approval. The maximum load for juniors and seniors is twenty-one (21) hours.

4. Absences: Students are expected to attend all classes each time the classes meet. When it is necessary that a student be absent from a class, courtesy requires an explanation to the instructor in charge. Class attendance policy will be set by the professor. It will be the responsibility of each professor to notify his classes at the outset of each semester as to the attendance requirements to which each student must adhere.

5. Examinations: Examinations will be held as published in the schedule of classes.

No final examinations are permitted prior to the scheduled examination period (see Calendar). A student who is absent from the final examinations without valid reason approved by the Vice President for Academic Affairs forfeits credit for the semester.

6. Grading System:

A — indicates superior work and carries 4 quality points per semester hour.

B — indicates excellent work and carries 3 quality points per semester hour.

C — indicates average work and carries 2 quality points per semester hour.

D — indicates inferior work and carries 1 quality point per semester hour.

E — indicates a course in progress. Not included in the grade point average, a grade of **E** shall be awarded for graduate thesis and dissertation courses and for such self-paced or skill courses as the Academic and/or Graduate Council may designate. An **E** shall be changed to a **P** or a valuative grade (**A,B,C,D,F**) only in the case of credit for thesis and disserations and then only for the minimum hours required (usually 6 hours). Otherwise, the **E** remains on the record indicating that to receive credit the student must re-register for the undergraduate course, repeating it on a regular basis until completing it. Upon completion, the appropriate grade, whether **P** or valuative, shall be assigned.

F — indicates failure and carries no quality points. A grade of **F** may not be removed by taking an independent study course. The grade of **F** will also be assigned if a student withdraws from the University after the deadline and has failing grades at the time of withdrawal. See B-2.

W — indicates withdrawal from a course passing. See B-2.

I — indicates an incomplete record and will have no immediate impact on a student's grade point average. An **I** is treated as an **F** if not removed within one term of attendance. An **I** may not be removed by taking an independent study course. The **I** grade in an incomplete course will be treated as an **F** if the student chooses to re-register for the course. A student who is absent from the final examination without valid reason approved by the Vice President for Academic Affairs forfeits credit for the course.

N — indicates a failing grade in courses taken on a pass-fail basis (does not count in computing g.p.a.)

P — indicates a passing grade in courses taken on a pass-fail basis (does not count in computing g.p.a.)

X — indicates failure to drop or withdraw properly, but only before the 25th class day. It will count as an **F** in the student's grade point average and may not be used for a student who simply stops attending class after the drop date. Upon completion of the drop/withdrawal form and payment of the appropriate fees, the Registrar is authorized to replace the grade of **X** with a **W.**

Pass-Fail: Students may take courses either on a pass-fail basis or for a grade. The option must be exercised at the time of registration, and the option may not be altered after the deadline for adding courses. No more than thirty-six (36) semester hours earned in independent study, extension work, or pass-fail courses, with a limit of eighteen (18) semester hours of pass-fail courses, may be applied toward a degree. No more than twelve (12) semester hours earned from the same department by independent study, extension work, or pass-fail courses may be applied toward a degree. A student may not take a course on a pass-fail basis to remove an **F** or an **Incomplete.** Such courses cannot be a part of a prescribed degree program, i.e., core requirements, major, or minor except for physical education courses in the General Core.

Audit: A student who takes a course for audit (non-credit) must meet the class in the same manner as a student regularly enrolled. Although no credit is awarded, a student who meets the instructor's requirements for a successful audit will receive an appropriate entry on his/her official record. The instructor has the right to remove a student from the final grade roster for non-attendance. The credit option (audit to credit or credit to audit) may not be changed after the deadline for adding courses. **The fee for audit is the same as if registered for credit.**

Computation of Grade Point Averages: Quality point averages are based on the number of hours undertaken rather than the number of hours passed in determining whether a student meets minimum standards. The total hours attempted, for suspension purposes, will include credit undertaken at the University and credit transferred; the quality point average will involve only credit for courses attempted at the University of Southern Mississippi.

Courses in which a student receives an **E** will not be counted in the "total hours attempted."

An undergraduate student will be permitted to repeat courses a total of six (6) times or a total of eighteen (18) semester hours in order to improve his grade-point average. (That is he may repeat one three-hour course six times, three three-hour courses twice each, six three-hour courses once each, etc.) The six-repeat rule shall include all repeats including junior college or any other college or university work. The first six (6) repeats used shall stand. Other than these "repeats" all credit attempted will be used in computing the grade-point average. This policy became effective with courses taken after September 1, 1967.

Dean's List: Students will be placed on the Dean's List if they have maintained a quality point ratio of 3.25 or above on an academic load of twelve (12) semester hours or more, provided they have no grade of **D** or below (includes **F, I,** or **X**).

President's List: Students will be placed on the President's List if they have earned a quality point ratio of 4.0 (all **A's**) on a load of twelve (12) semester hours or more (provided there are no grades of **I** or **X**).

7. Academic Standards: An undergraduate student, to move assuredly toward a degree, should maintain the following grade point averages.

Total Hours Attempted (Including transfer credit)	**Required Grade Point Average** (USM work only)
18 through 24	1.25
25 through 36	1.50
37 through 48	1.65
49 through 60	1.75
61 through 72	1.80
73 through 84	1.85
85 through 96	1.90
97 through 108	1.95
109 and above	1.97
For graduation	2.00

If a student does not attain the minimum GPA on the scale, he is placed on academic probation at the end of the semester. To register for classes the following semester he must receive clearance from his major department chairman and from the dean of the college or school in which he wishes to be enrolled. If evidence of improvement toward the prescribed GPA is made during the probationary period the student is continued on probation the subsequent semester but is considered making progress toward a degree.

However, students receiving Veterans Administration educational benefits under Chapters 31, 32, 34 and/or 35 may not receive benefits during a second consecutive probationary period unless approved by the Veterans Administration.

However, if the student does not attain the prescribed GPA after two probationary semesters, he will be placed on academic suspension and must withdraw from the University for one semester or be cleared for readmission by the appropriate dean upon appeal. Notice of probation or suspension will be carried on the end-of-semester grade report. Total hours attempted will include credit undertaken at the University and credit transferred. The quality point average will involve only courses attempted at USM. Courses in which a student received an **I** will not be counted in the "total hours attempted."

Appeals for reinstatement by students suspended under this policy will be directed to the department chairman and the dean of the college or school in which the student is enrolled.

Any student who earns a **0.00** grade point average on twelve (12) or more hours for any one semester will be automatically suspended regardless of his overall grade point average and must appeal the suspension in the same manner as any other academically suspended student.

Students on academic or disciplinary suspension may not enroll in any courses offered by the University of Southern Mississippi.

8. Memorandum of Credits: A memorandum of credits is a statement available from the Office of the Registrar showing the courses completed and credits earned by the student as of the date of the memorandum. Memoranda are $1.00 each.

9. Change of Major within a College or School: Any student wishing to change his major within a college or school must secure the approval of the dean.

10. Change of College or School: A student wishing to transfer from one college or school of the University to another must make application to and be approved by the dean of the college or school he wishes to enter.

11. Classification of Undergraduates: A student is classified as a: **Freshman** when he has less than 27 semester hours of earned credit; **Sophomore** when he has as many as 27 semester hours and less than 54 semester hours: **Junior** when he has as many as 54 hours and less than 87 hours; **Senior** when he has 87 or more semester hours of earned credit.

12. Course Numbering: Freshman courses are numbered from 100 to 199; sophomore courses from 200 to 299; upper division courses from 300 to 499; graduate courses 500 or above. Courses taken by independent study will carry the prefix **C.** Honors courses carry the prefix **H.**

The department code number which is used at registration is listed in the Course Description Section of this **Bulletin.**

Freshman and sophomore students are not ordinarily permitted to register for upper division courses.

13. Course Sequence and Related Sequences: Certain 100 and 200-level courses may not be taken for credit by a student after he has completed higher level courses in the same subject area. Also, certain sequences of courses may not be taken for credit after a student has completed parallel courses which are similar in subject matter. Specific applications of this policy are indicated in the numbered course descriptions in the Course Description Section of this catalog. Selection of the courses, as well as exceptions to the policy, is left to the department chairmen.

14. Credit by Examination: The University of Southern Mississippi will allow students to earn credit by examination under one or more of the following programs up to a total of thirty (30) semester hours.

Credit earned through the use of the examination will be included in the sixty-four (64) hours "Limitation of Transfer Credits" rule and may not be used to meet the thirty-two (32) hours on-campus requirement.

a. **College Level Examination Program:** The University of Southern Mississippi will allow credit examination to those students who have participated in the College Level Examination Program and have achieved a scaled score of 500 or above. Credit will be restricted to students who have been out of high school for at least three (3) years. It will be the responsibility of the Admissions Office to determine a person's eligibility to receive credit. A student who has earned over thirty (30) semester hours of college credit may not earn additional credit through the use of this examination. Credit appearing on another institution's transcript will be accepted as transfer credit. Credit will be granted for successful completion of the examination in the following manner.

CLEP General Examination	Course Equivalent	Semester Hours
English Composition	ENG 101, 102	6
Social Science	History	3
	Social Sci. Elective	3
Natural Science	FS 104, 106	6
Humanities	AA 100	3
	Literature	3
Mathematics	MAT 101	3
	MAT Elective	3
Total		30

Credit will be awarded for each area in which the student receives a scale score of 500 or above.

b. **College Level Examination Program: Subject Area Examination:** A student of any age who has not earned college-level credit in the subject area in which he/she seeks credit can take a CLEP subject-area examination for advanced placement and college credit. **CLEP credit cannot be used to remove an F grade.** Credit will be awarded for a scale score of 50 or above. The optional essay is required for all English and Psychology examinations. The appropriate department at USM will have final determination in the amount of credit to be awarded based on the optional essay. Under this program, students are restricted to a maximum of thirty (30) semester hours, with not more than six (6) hours or two (2) courses in one subject-matter area. (It is understood that the thirty (30) hour total includes all credit earned by examination.) The adoption of the CLEP standardized examination will preclude the use of departmental examinations except in those areas where CLEP examinations are not available. The Admissions Office will be charged with responsibility for determining student's eligibility to earn credit through these examinations. Credit appearing on another institution's transcript will be accepted as transfer credit.

Additional information, applications, and CLEP Bulletins may be secured from the Office of High School and Junior College Relations, Room 212, Student Services Building, or by writing Southern Station, Box 5011.

c. **Advanced Placement Program:** Students from cooperating high schools can earn up to eighteen (18) hours (with no more than six (6) hours or two (2) courses in one subject-matter area) through the College Board's Advanced Placement Testing Program. Credit is to be awarded only for grades of 3 or above. The awarding of credit will be administered by the Office of Admissions.

d. **Challenge Examination:** Under the following policy, and with the approval of the Vice President for Academic Affairs, departments may grant credit by examination in lieu of class enrollment for courses where no CLEP subject area examination is offered.

a. The examination must be given by the department in which the course is offered.
b. The department chairman must be assured that the student has had some formal or informal learning experience which has prepared him for the examination.
c. The student must make application to the chairman of the department in which the course is offered. If approval is granted, the student will pay a $10.00 examination fee in the Business Office. The student then presents his receipt to the department chairman who will administer the examination.
d. If the student passes the examination, a memorandum must be forwarded to the Registrar giving the name of the department, course number, course title, grade, semester hours, and the date the examination was taken and evidence that the examination fee has been paid.

15. Summary of Types and Limitations of Credit Usage

The following is a summary of the limitations placed on credit usage:

a. Sixty-four (64) semester hours through a combination of credit by examination, extension, independent study, and Armed Forces experiences.
b. Thirty-two (32) semester hours through a combination of independent study (including USAFI) and extension work. (USAFI and other correspondence credit limited to nine (9) semester hours in any one field.)
c. Thirty (30) semester hours credit by examination (including CLEP).
d. Thirty (30) semester hours through a combination of independent study, extension, and pass-fail credit.
e. Eighteen (18) semester hours of pass-fail credit.
f. Twelve (12) semester hours in the same department through a combination of independent study, extension, and pass-fail.
g. Sixty-four (64) semester hours in a senior college are required for a baccalaureate degree. Of this total forty-five (45) must be in course numbers 300-level or above and thirty-two (32) must be earned at the University of Southern Mississippi.
h. The types of credit considered as senior college work are: (1) USM-Hattiesburg; (2) USM-Gulf Park; (3) USM-Natchez; (4) USM-Jackson County; (5) USM-Jackson; (6) Extension; (7) Independent Study; (8) USAFI*; (9) Armed Forces experiences.*
i. Types of credit not considered senior college work: (1) Junior college transfer work; (2) CLEP; (3) USAFI**; (4) Armed Forces experience.**

*If course number evaluations are 300-level or above
**If course number evaluation are below 300-level

C. GENERAL DEGREE REQUIREMENTS

1. Choice of Catalog: Graduation requirements must be met under a catalog which is not more than six years old at the time of the student's graduation and which carries announcements for a year during which the student earned some credit at the University of Southern Mississippi. A transfer student from a Mississippi junior college may graduate under a catalog which was in force during the time he attended a Mississippi junior college provided the catalog is not more than six years old at the time of the student's graduation.

2. Hour Requirements: An applicant for a degree must complete a minimum of 128 semester hours, including core requirements and major and minor requirements. Not more than nine (9) semester hours in physical education activity courses, and not more than four (4) semester hours credit in any one varsity sport may be used in meeting total hour requirements for a degree. Courses in dance are excluded from this limitation. Of the total of 128 semester hours, sixty-four (64) must be earned in a senior college, and forty-five (45) of the sixty-four (64) must be in courses numbered 300 or above.

3. Quality Point Requirement: A student must earn a quality point ratio of at least 2.0 (an average grade of C) based on all courses undertaken at the University of Southern Mississippi. Grades in pass-fail courses do not carry quality points.

4. Hour and Quality Point Requirements for Pre-Professional Degrees: University of Southern Mississippi students may be allowed to complete degree requirements for the Bachelor of Science or the Bachelor of Arts degree in professional, accredited schools of medicine, medical technology, dentistry, or law on the following conditions:

a. that (90) hours of credit and 180 quality points shall have been completed, with a minimum of two semesters and thirty (30) semester hours of residence at the University of Southern Mississippi;
b. that all core requirements for the degree shall have been completed;
c. that credit and quality points shall be transferred back to the University of Southern Mississippi from the accredited school of medicine, dentistry, medical technology, or law to complete requirements for the degree. A minimum of one year's work must be transferred. In any case, a minimum of 128 semester hours must be completed before the degree can be awarded;
d. that the program leading to the degree shall be completed within two calendar years of the termination of the last semester of residence at the University of Southern Mississippi.

5. Residence Hour Requirements: To become eligible for a bachelor's degree at the University of Southern Mississippi, a student must:

a. earn his last thirty-two (32) semester hours at the University of Southern Mississippi, of which twelve (12) semester hours must be in upper-division courses in his major. Military personnel participating in Operation Bootstrap may meet this requirement by completing thirty (30) semester hours of resident credit; (Special Note—to receive the Bachelor of Science in Business Administration degree from the College of Business Administration, a student must complete the senior year's work (32 semester hours) on the Hattiesburg campus. At least twelve (12) of the thirty-two (32) semester hours must come from senior level courses in the major field. This policy applies to all students, including transfer students from other colleges and universities and those students at USM-Gulf Park and USM-Natchez. The transfer student must meet the quality point requirements for work undertaken on the Hattiesburg campus that apply to all the regular students.)

b. earn at least twelve (12) semester hours of the bachelor's program on the campus from which the degree will be awarded except for the Bachelor of Science in Business Administration which requires the last thirty-two (32) semester hours on the Hattiesburg campus;

c. earn at least twelve (12) semester hours of resident credit in the major field of study at one of the campuses of the University except for the Bachelor of Science in Business Administration which requires at least twelve (12) semester hours of senior level work in the major field on the Hattiesburg campus;

d. recognize the limitation on Independent Study Courses: A long-standing regulation provides that students will not be permitted to do independent study while in residence. Students not attending the University during the summer session are not considered to be in residence and may enroll in independent study courses without prior approval; however, they should consult with their faculty adviser for assistance in course selections. Exceptions to this regulation can only be made with the approval of the appropriate dean and the Vice President for Academic Affairs. If a student takes an independent study course during his last semester of attendance, he may not register for an independent study course after he leaves the campus with the expectation of completing requirements for his degree.

6. General Core Requirements: The purpose of the General Core requirement is twofold: to give all University students a common cultural experience, and to extend this shared experience over a wide enough range of skills and major disciplines so that the individual student may gain a better perspective of his own special abilities and interests.

It is the purpose of the degree programs in the upper-level colleges and schools to build upon the common core experience in guiding students toward majors and minors which will reflect their individual capacities and life aims.

The General Core requirement, common to all degree programs, is itemized below.

THE GENERAL CORE CURRICULUM

	Hours
English 101, 102	6
Humanities and Fine Arts	
Six hours from the following areas: literature, allied arts, foreign language, history, philosophy, religion	6
Social Sciences*	
Nine hours from the following areas with no more than three hours from any one area: anthropology, economics geography, psychology, sociology, political science	9

Mathematics	3
Science*	6
Physical Education or approved substitute**	2
Total	32

*For recommendations and requirements in these areas, the student should consult the introduction to the appropriate degree-granting college or school. Note also that each college or school has additional requirements for its specific core. In addition each degree-granting college or school has its own requirements for a particular degree. These requirements are designed to give the student the necessary preparation for completing a major and are listed in the Colleges and Schools Section.

**Students are required to take two physical education activity courses during the freshman year unless excused from the requirement by the University physician or the dean of his school or college. Students who complete Military Science I or Aerospace Studies are excused from the physical education requirement. Those participating in varsity athletics, Marching Band, Dixie Darlings, Cheer Leaders, or Pom Pon Girls may substitute this for required physical education. Only one physical education activity course may be taken any one semester. Each of the following theater courses may be substituted for one hour of the General Core Physical Education requirement: Theatre 105, 106, 150, 250. A graduate of a Mississippi junior college will not be required to complete additional physical activity courses in order to meet catalog requirements for graduation.

7. Exemption from the General Core Requirements: With the approval of the appropriate dean, students may be exempt from any part of the core requirements for any degree on the basis of satisfactory attainment as demonstrated by previous academic record. The granting of this exemption by a dean does not involve the bestowal of credit; neither does it reduce the total number of hours to be earned for a degree. Its only effect is to increase the number of electives which the student may include in his degree program.

8. Quality Point Requirement for the Major and Minor: A student must have a quality point average of at least 2.0 (a C) in the major field and in the minor field on courses taken at the University of Southern Mississippi.

A transfer student's work done in the major and minor fields in another institution must average at least 2.0 to be applicable toward the major and minor requirements at the University of Southern Mississippi. If the transferred work does not average at least a **C**, the student must remove any deficiencies in that part of the major and minor credit being transferred. Transferred deficiencies may be removed by: (a) repeating at the University of Southern Mississippi a sufficient number of courses on which grades of **D** were transferred and thereby raising the grades in those courses to the level required for a **C** average, or (b) striking from the transferred transcript courses in the major or minor field with grades of **D** and taking additional courses in the major or minor at the upper division level to meet the University's degree requirements.

9. Application for Degree: A student is expected to file an application for a degree at least two (2) semesters before degree requirements are completed and an application will be accepted no later than the published deadline (see Calendar). This application filed with the Registrar will show the work completed by the student and the courses planned for the ensuing semesters. Filing two (2) semesters in advance of the proposed graduation date will allow time for checking the application and also allow the student time for making up deficiencies found in the degree program. After the application has been approved by the academic department, it becomes the student's official degree program.

No application for degree will be accepted until the degree fee of twenty dollars ($20.00) has been paid at the Business Office. Application forms may be obtained in the school or college Office of the Dean.

10. Degrees with Honors: Students with exceptional academic records may be awarded degrees with honors or highest honors. A degree with honors will be granted to a student who maintains a quality-point average of 3.5 or more. A degree with highest honors will be granted to a student who maintains a quality-point average of 3.8 or more. Graduation **cum laude** will be granted to students who meet the following stipulations: (a) the satisfactory completion of a comprehensive examination in the major field, such examination to be designed and administered by the department involved; (b) the satisfactory completion of a senior project resulting in a written report on that project meeting the guidelines presently in effect for senior Honors projects; (c) notice of intent to meet these requirements must be filed with the Dean of the Honors College at least one calendar year prior to graduation; and (d) an overall quality point average of 3.25 to 3.49. Graduation **magna cum laude** will be granted to students who meet the following stipulations: (a), (b), and (c) above, and (d) an overall quality-point average of 3.50-3.79. Graduation **summa cum laude** requires (a), (b), (c) and, (d) an overall quality-point average of 3.80 or above.

11. Second Baccalaureate Degree: The University of Southern Mississippi will grant a candidate a second baccalaureate degree based upon requirements of an applicable catalog, provided the program for the second degree includes at least thirty-two (32) semester hours with at least sixty-four (64) quality points (equivalent to a 2.0 average on a 4.0 scale). The actual number of hours to be taken (which may exceed thirty-two (32) as well as the specific degree requirements will be established by the academic department responsible for the area of study in which the second baccalaureate is sought. In all cases, a 2.0 grade point average is required.

Students enrolled in a second degree program may be allowed to repeat a total of six (6) semester hours in order to improve the grade point average.

D. MINOR REQUIREMENTS

In addition to the major, each student, should his program so require, must also choose a minor (or else a second major). He should select his minor in consultation with his adviser. A minimum of eighteen (18) semester hours is needed for the minor, with the quality point requirement as noted in paragraph C-8 above. Students who complete the Advanced Course in Military Science (ROTC) or the Professional Officer Course in Aerospace Studies (AF-ROTC) are allowed to waive the requirement for an academic minor. The work taken in the major may not apply to the minor.

The faculty of each academic department shall have the right to exclude specific courses from inclusion in a minor program in their discipline (e.g., developmental and service courses).

With certain exceptions any of the areas of specialization or majors indicated above may be selected for the minor. In choosing a minor, however, the student should be guided by the following policies:

1. A student working for a non-teaching degree must establish a minor (18 hours) chosen from the fields listed above as possible majors with two exceptions:
   a. A student may establish a minor for the non-teaching degree in general science by offering twenty-seven (27) hours from two or more appropriate fields (biology, chemistry, geology, mathematics, microbiology, and physics), provided he offers at least eight (8) hours from each field he chooses to include.
   b. To establish a minor in any field, a student must earn at least nine (9) hours above the core requirements in that field.
2. A student working for a teaching degree in secondary education necessarily establishes a minor in secondary education.

Since many high schools in Mississippi require teachers to teach in more than one field, it is recommended that students working for secondary education certification plan their electives so as to meet certification requirements in some subject in addition to their major.

BULLETINS

The University of Southern Mississippi has four publications each year; the **Undergraduate Bulletin,** the **Graduate Bulletin,** the **Independent Study Bulletin,** and the **Regional Campus Bulletin.** To get the complete programs of the University, please check each **Bulletin.**

COLLEGE OF BUSINESS ADMINISTRATION
ACADEMIC OFFERINGS
1983-1984

Department	Major	Degree**
ECONOMICS		
	ECONOMICS*	BA,BSBA
	International Business Emphasis	
FINANCE AND GENERAL BUSINESS		
	BANKING AND FINANCE	BSBA
	BUSINESS ADMINISTRATION*	BS,BSBA
	REAL ESTATE AND INSURANCE	BSBA
MANAGEMENT		
	INDUSTRIAL MANAGEMENT	BSBA
	PERSONNEL MANAGEMENT*	BSBA
MARKETING		
	MARKETING MANAGEMENT*	BSBA
	Advertising Emphasis	
	Marketing Management Emphasis	
	Purchasing Management Emphasis	
	Retail Management Emphasis	
	Sales Management Emphasis	
SCHOOL OF PROFESSIONAL ACCOUNTANCY		
	ACCOUNTING*	BSBA
	Accounting-Data Processing Emphasis	
	Industrial and Institutional Accounting Emphasis	
	Public Accounting Emphasis	

*Minor Available
**Degree Abbreviations: (BS) Bachelor of Science, (BSBA) Bachelor of Science in Business Administration.

COLLEGE OF BUSINESS ADMINISTRATION

Joseph A. Greene, Jr., Dean
H.O. Jackson, Assistant Dean
Hattiesburg, MS 39406-5021
(601) 266-4641

PURPOSE

Rapid technological change, the increasing complexity of society, and the growing role of government in business, economic, and social affairs are placing new requirements on the administrators throughout the country whether they are employed in business, government, or non-profit organizations.

Within the College of Business Administration the content of the courses and the curricula are changed as needed to see that the College meets its primary objective of assisting students in securing entry-level positions in business and government and provides them the background for attaining higher levels of managerial responsibility after experience. The young men and women who study in the College are provided with the opportunity for a liberal education as well as professional training. They are prepared to be flexible in their thinking and adaptable to change as well as knowledgeable in their chosen fields. Thus they are given help in preparing not only for careers but also for satisfactory lives and as constructive citizens.

A second objective of the College is to provide quality graduate education at the master's degree level for those currently working in business, military personnel with a need for business education, and college graduates who intend to pursue further graduate work elsewhere or prepare themselves better for beginning positions in business or government.

Lastly, the College is committed, as resources permit it, to servicing businesses, professional groups, and governmental units in the area through applied research and the sponsoring of workshops and seminars.

To keep with current changes in business education throughout the country, the College is a member of the Southern Business Administration Association and the American Assembly of Collegiate Schools of Business.

All academic programs in the College are fully accredited by the American Assembly of Collegiate Schools of Business.

ORGANIZATION AND OPERATION

Academic Areas

The College of Business Administration is organized so the student, after choosing a particular academic major, is placed under the jurisdiction of his school or department for academic advisement and attention. Each area offers several majors, so a student should examine the alternatives to select the one which suits him best.

The academic areas are the School of Professional Accountancy and the Departments of Economics, Finance, Management, and Marketing.

There is some divergence in the curriculum for those students majoring in accounting, but for the majority of students in the College, they pursue the same curriculum except for the major course requirements. Thus, it is possible for a student to change his major, if he has a change in interest, without a loss of time until the second semester of his junior year. Upon completion of all requirements the students, except in the School of Professional Accountancy, are awarded the degree of Bachelor of Science in Business Administration. The accounting student will secure this degree and, if he meets specified requirements, may begin the five-year program leading to a master's degree in professional accounting while in his senior year.

Administrative Office of the College

The Office of the Dean is the chief administrative office for the College. Each academic department has a chairman who is in charge of the programs in that department and the

faculty who serve as student advisers for those programs. Most academic problems for the undergraduate student will be solved at the departmental level. The School of Professional Accountancy has a director and faculty advisers for all students majoring in accounting.

Under the Dean is the Coordinator of Graduate Studies who accepts and processes all applications for the Master of Business Administration degree. The graduate program in accounting is handled by the Director, School of Professional Accountancy. The student interested in graduate work upon completion of his undergraduate degree should contact the Coordinator of Graduate Studies concerning entrance requirements, objectives of the various emphases, and the possibility of a fellowship.

The Bureau of Business Research is another administrative unit under the Dean. Its functions are designed to complement the overall program and objectives of the College of Business Administration. Specific functions included are to: provide an administrative framework for research projects; provide a source of support for, and flexibility of approaches to, research by faculty members (including Bureau staff); publish research reports; provide a readily identifiable point of contact for business, industry, and government relative to research and services in the area of business and economics; provide for the development and execution of service programs; and maintain a framework to assist in the education and training of students.

STUDENT PROCEDURES

Admission

High school graduates who are interested in a field of business and are admitted to the University as beginning freshmen will be admitted directly to the College of Business Administration.

Students desiring to transfer from another school or college in the University must be in good academic standing and must bring to the Office of the Dean a transcript from the Registrar's Office for evaluation purposes. If the student is accepted he is assigned to a department for advisement purposes and his record is transferred to his new adviser.

Transfer students from other four-year colleges or universities are admitted directly to the College upon admission to the University. Credits are evaluated in the Office of the Dean and records are distributed to the departments for advisement purposes.

The junior college student intending to complete his degree in the College should concentrate on completing his requirements as listed below in the Basic Curriculum Outside the College. Courses in business should be limited to the principles of accounting, principles of economics, and legal environment of business. The College will not accept as meeting curriculum requirements business courses taught at a junior college which are offered here at the junior or senior level. Also, courses which are designated as technical training courses or remedial courses of subcollegiate level such as intermediate algebra may not be used in meeting degree requirements. It is imperative that the student pay particular attention to the requirements in mathematics.

The student majoring in accounting who desires the specialized degree in accounting must be admitted to the School of Professional Accountancy though he is still a student within the College. This may be done only after he has completed a sufficient number of accounting courses at the junior level to demonstrate exceptional ability in the field.

Advisement

The student is given an adviser within the department of his major. His record is maintained in that department, and he is expected to go to the department each semester, pick up his registration packet, and consult with his adviser concerning his schedule. The packet must be signed by the adviser before registration can be completed.

Students in accounting will be advised within the School of Professional Accountancy.

Continuation

While in the College the student must maintain the quality point average prescribed for his number of hours undertaken as designated under University regulations or face academic suspension. If suspended or placed on probation, the student may make application for reinstatement through forms provided in the Office of the Dean. His application

is acted upon by the Reinstatement Committee which reviews these applications the day prior to the registration period of each semester and interviews those students who are denied reinstatement and wish to appeal.

Graduation Requirements

To receive the Bachelor of Science in Business Administration degree from the College of Business Administration the senior year's work (32 semester hours) must be taken on the Hattiesburg Campus.

Of this requirement a sufficient number of hours of senior level courses in the major field must be taken to assure the quality of the degree. The absolute minimum is twelve (12) semester hours though this may be higher depending upon the recommendation of the department chairman.

This policy applies to all students, including transfer students from other colleges and universities and those students at USM-Gulf Park and USM-Natchez.

The transfer student must meet the quality point requirements for work undertaken on the Hattiesburg campus that apply to all regular students.

For graduation the student should file his application for degree two semesters in advance of his anticipated semester of graduation, and no later than mid-term of the semester prior to the graduation semester. The application form with instructions is to be picked up in the Office of the Dean. The degree application does not become a formal type of contract with the student for graduation until it has been thoroughly checked for all requirements by the degree clerk of the College in the Registrar's Office and approved by the Dean. Any changes requested on the application after its acceptance must come from the Office of the Dean.

To meet graduation requirements the student must meet all requirements of his curriculum and have a 2.0 average overall, in his major requirements, and in the College of Business Administration. He must have a minimum of fifty-two (52) semester hours in the College of Business Administration as well as a minimum of fifty-two (52) semester hours in the Colleges of Liberal Arts and Science and Technology. Total hours required for graduation are 128, of which sixty-four (64) are required in a senior college.

Placement

The College cooperates with the University Placement Services Office in assisting its graduates in finding positions. The student is expected to establish a file with Placement Services two semesters before graduation to avail himself to the opportunities to be interviewed or contacted by the many businesses and governmental bodies interested in business graduates.

Student Organizations and Student Assistance

The College promotes several professional and honorary societies for students in order to foster fellowship and scholarship among those with similar interests. These organizations are: Beta Alpha Psi, professional fraternity in accounting; Beta Gamma Sigma, National Honorary Fraternity in business; Delta Sigma Pi, professional fraternity in all areas of business; Omicron Delta Epsilon, honorary society in economics; Phi Chi Theta, professional fraternity for women; Rho Epsilon, professional fraternity in real estate; Society for Advancement of Management, professional fraternity in management; the USM Chapter-American Marketing Association: the American Society for Personnel Administration; and the Financial Management Association National Honor Society. Representatives from these fraternities and other students constitute the Business Student Advisory Council which works closely with the Dean in several projects.

There are several scholarships available exclusively for students in the College of Business Administration as well as many others for which business students may apply. Any inquiry should be addressed to: Director of Financial Aid, Southern Station, Box 5101, Hattiesburg, Mississippi 39406-5101.

BASIC CURRICULUM FOR ALL MAJORS IN THE COLLEGE OF BUSINESS ADMINISTRATION FOR FRESHMAN AND SOPHOMORE YEARS

The business graduate, though career oriented, must live and work in a changing society which will continually offer him personal and business challenges. Business leaders must have a blend of background which makes them cognizant of the past, articulate in many subjects, adaptable to change, and capable of using basic business tools on which to build with the specialized subjects of their majors. The first two years plus common business subjects taken during the last two years have been designed for this purpose.

It may be observed a great deal of flexibility is offered in some of the areas. This permits the student a selection according to his interest and also permits him to substitute junior and senior level courses if he failed to cover the subjects in his first two years or is particularly interested in some courses offered at the upper level.

Remedial courses in English, mathematics, and science may not be counted toward meeting degree requirements.

Mathematics 312 is strongly recommended and is a necessity for the student contemplating graduate work.

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
Geography or Political Science	3
History	6
Mathematics 101, 112	6
Physical Education or ROTC/AFROTC	2
Science—biology, chemistry, fundamentals, geology, or physics	6
Speech Communication 111 (advanced course acceptable)	3
	32

SOPHOMORE YEAR	SEM. HRS.
Accounting 201, 202	6
Anthropology, Psychology, Sociology	6
Economics 255, 256	6
CSS 100	3
General Business 295	3
Humanities Literature	3
Two courses from: literature, allied arts, foreign language, religion, philosophy	6
	33

SCHOOL OF PROFESSIONAL ACCOUNTANCY

Jerold J. Morgan, Director
Hattiesburg, MS 39406-5178
(601) 266-4641

The School of Professional Accountancy offers undergraduate programs with sufficient options to prepare students for careers requiring differing levels of expertise in accounting. The emphasis in Industrial and Institutional Accounting is the traditional four-year program which prepares students for many of the entry level accounting positions in business and government. An emphasis in Public Accounting is offered for those who seek a career in the public accounting profession. (Admission to this program is limited to students who have demonstrated a high promise of success. See admission criteria below.) A third emphasis area, Accounting-Data Processing, is designed for students who desire preparation for positions requiring competence in both the accounting and computer fields. All three options are also intended to provide a firm foundation for graduate study in business or for the professional schools of accountancy or law. Upon completion of any of the three options the student is awarded the Bachelor of Science in Business Administration degree with a major in Accounting.

The program in Professional Accountancy is a five-year program leading to the Master of Professional Accountancy degree. Recognizing the increased demand for academic preparation in the practice of professional accountancy, this program serves the needs of students who intend to take the professional examinations and pursue careers in public accounting or other professional accounting positions in business and government. Students

seeking admission to the professional program must apply to the School of Professional Accountancy and meet rigorous admission and retention standards. Applicants will typically apply for admission to this program at the end of their junior year and will then complete the Public Accounting option for their baccalaureate degree. Admission to the program is also possible at the graduate level for students who have completed the Industrial and Institutional or the Accounting-Data Processing options. Admission to the School of Professional Accountancy requires a minimum of ninety (90) semester hours of undergraduate work including at least twelve (12) semester hours credit in accounting courses numbered above 300. A minimum overall grade point average of 2.75 is required for admission with a minimum of a 3.0 grade point average in accounting courses. Those who enter the program as undergraduate students must gain admission to the Graduate School before enrolling in courses numbered 500 or above.

REQUIREMENTS FOR A MAJOR IN ACCOUNTING

Industrial and Institutional Accounting Emphasis

JUNIOR YEAR	SEM. HRS.
Accounting 301, 302, 320, 330	12
GBA 290 or CSS 240	3
Economics 301, 302, 330	9
Management 360	3
Marketing 300	3
Mathematics 312	3
	33

SENIOR YEAR	SEM. HRS.
Accounting 307, 401, 409, 420	12
Finance 389	3
Management 485	3
Electives	12
	30
TOTAL:	128

Public Accounting Emphasis

JUNIOR YEAR	SEM. HRS.
Accounting 301, 302, 320, 330, 480	15
GBA 290 or CSS 240	3
Economics 301, 302, 330	9
Management 360	3
Mathematics 312	3
	33

SENIOR YEAR	SEM. HRS.
Accounting 401, 402*, 405*, 409, 420	15
Accounting elective 410*, or 430*	3
Finance 389	3
Management 485	3
Marketing 300	3
Electives	3
	30
TOTAL:	128

*Students must be admitted to the School of Professional Accountancy before enrolling in these courses.

Accounting-Data Processing Emphasis

JUNIOR YEAR	SEM. HRS.
Accounting 301, 302, 320	9
Computer Science 340, 342	6
Economics 301, 302, 330	9
GBA 290 or CSS 240	3
Management 360	3
Mathematics 312	3
	33

SENIOR YEAR	SEM. HRS.
Accounting 330, 401, 409	9
Computer Science 442, 480	8
Finance 389	3
Management 485	3
Marketing 300	3
Electives	4
	30
TOTAL:	128

After completion of any accounting option, students desiring to pursue the professional program in Accountancy must gain admission to Graduate School and follow the following program.

FIFTH YEAR	SEM. HRS.
Accounting 502**, 505**, 510**, 520**, 530**, 605, 610, 630, 640, 680	30
Economics 606 or 625 and Economics 608 or Management 615 or General Business 625	6
	36

**Students who have credit in equivalent undergraduate courses may waive up to six hours or substitute business courses numbered over 600 with consent of the director.

RECOMMENDED MINOR IN ACCOUNTING

Accounting 201, 202, 301, 302, 320, 330

DEPARTMENT OF ECONOMICS

Tyrone Black, Chairman
Hattiesburg, MS 39406-5072
(601) 266-4648

The Economics Curriculum is designed to prepare students for positions in business, government, education, and for graduate study. The courses in the economics major augment the basic non-business and business curricula, and the complete, four-year program provides the requisite skills for entry-level positions. Additionally, the courses comprising the major analyze many of the economic problems and issues that middle- and upper-level managers and administrators must deal with. For those who are interested in careers in international business, an emphasis is available and is listed below.

JUNIOR AND SENIOR REQUIREMENTS FOR MAJOR IN ECONOMICS (BSBA)

(Freshman and sophomore requirements for a major in Economics are listed in the beginning section of the College of Business Administration.)

JUNIOR YEAR	SEM. HRS.
Economics 301, 302, 330, 340, 345, Economics Elective	18
GBA 290 or CSS 240	3
Finance 389	3
Management 360	3
Marketing 300	3
Mathematics 312	3
	33

SENIOR YEAR	SEM. HRS.
Accounting 300	3
Elective	3
Economics 310, 435, Economics Electives (2)	12
Electives	10
Management 485	3
	31
TOTAL:	128

JUNIOR AND SENIOR REQUIREMENTS FOR MAJOR IN ECONOMICS (BSBA)

International Business Emphasis*

JUNIOR YEAR	SEM. HRS.
Accounting 300	3
Economics 301, 302, 330, 340	12
Finance 389, 472	6
GBA 290 or CSS 240	3
Management 360	3
Marketing 300	3
Mathematics 312	3
	33

SENIOR YEAR	SEM. HRS.
Anthropology 212	3
Economics 310, 345, 435	9
Economics Elective**	3
Geography 341 or 350	3
Marketing 495	3
Management 485	3
Electives***	7
	31
TOTAL:	128

*Twelve hours of foreign language are required, six of which may be taken as the humanities requirement in the freshman and sophomore years.
**Economics 413, 440, 470 or a College of Business course offered through the Center for International Education.
***Electives must be approved by the student's academic advisor.

A Bachelor of Arts in Economics is also available; the Economics requirements for this degree are Economics 255, 256, 301, 302, 310, 330, 345, 435, and one Economics Elective.

The recommended minor in Economics for students outside the College of Business Administration consists of Economics 255, 256, 301, 310, 330, 340, and 345.

DEPARTMENT OF FINANCE AND GENERAL BUSINESS

William A. Sirmon, Chairman
Hattiesburg, MS 39406-5076
(601) 266-4636

This department offers major fields of study in three areas: Banking and Finance, Business Administration, and Real Estate and Insurance. The policy of the department is to stress education in the selection and handling of tools for problem-solving, analysis, and decision-making in each of the three areas of study. An approach of this kind is premised on the belief that the best qualification for administering business in the three areas is a mind disciplined to identify and analyze administrative issues and to make decision at all levels of management.

The offerings in the field of Banking and Finance qualify the student to enter administrative training programs of financial and non-financial institutions. Offerings in the Business Administration field necessarily cut across several segments of the business curriculum including economics, finance, management, and marketing, thus opening the door to a somewhat wider range of job opportunities. Offerings in the Real Estate and Insurance major are, by contrast, more specialized, being designed essentially for the person interested in selling, risk management, and property and agency management, as they relate to the insurance and real estate industries.

The student who wishes to further his education may work for the master's degree with an emphasis in finance. This degree will strengthen his qualifications for higher-level administrative positions in business and will also open new doors to teaching, research, and graduate work at the doctoral level.

The department has a recommended minor for non-business majors which requires ACC 201 and 202, ECO 255, and three electives from the following fields: Finance, Business Administration, or Real Estate and Insurance.

REQUIREMENTS FOR A MAJOR IN BANKING AND FINANCE

JUNIOR YEAR	SEM. HRS.
ACC 300 Administrative Accounting or ACC 301 Intermediate Accounting	3
ECO 301, 302 Statistics I, II	6
ECO 330 Money and Public Policy	3
FIN 389 Business Finance	3
GBA 375 Managerial Communications	3
MGT 360 Fundamentals of Mgt.	3
MKT 300 Principles of Marketing	3
REI 325 General Insurance	3
REI 326 Intr. to Actuarial Sci. or MAT 312 Applied Math for Business	3
GBA 290 or CSS 240	3
	33

SENIOR YEAR	SEM. HRS.
FIN 350 Bank Administration	3
FIN 355 Problems in Bank Admin.	3
FIN 352 Principles of Investments	3
FIN 462 Security Analysis	3
FIN 480 Financial Management	3
MGT 485 Administrative Policy	3
Major Electives*	6
ACC 301, 302 Inter. Acctg. I, II	
ECO 401 Public Finance	
FIN 320 Personal Finance	
FIN 472 International Finance	
REI 432 Real Estate Finance	
General Electives	6
	30
TOTAL:	128

*Any of these or other related courses approved by chairman.

REQUIREMENTS FOR A MAJOR IN BUSINESS ADMINISTRATION

JUNIOR YEAR	SEM. HRS.
ACC 300 Administrative Accounting	3
ECO 301, 302 Statistics I, II	6
ECO 330 Money and Public Policy	3
FIN 389 Business Finance	3
GBA 375 Managerial Communications	3
MGT 360 Fundamentals of Mgt.	3
MKT 300 Principles of Marketing	3
Math or Science Elective	3
REI 325 General Insurance or REI 330 Real Estate Principles	3
GBA 290 Fund. of FORTRAN	3
	33

SENIOR YEAR	SEM. HRS.
ECO 335 Economics of the Firm and one 300 or above course	6
FIN 350 Bank Administration or FIN 352 Principles of Investments or FIN 480 Financial Management	3
GBA 415 Government and Business	3
MGT 364 Personnel Management or MGT 454 Human Relations and one 300 or above course	6
MKT 428 Marketing Management	3
MGT 485 Administrative Policy	3
General Electives	6
	30
TOTAL:	128

*Behavioral science, computer science, social science, or mathematics

REQUIREMENTS FOR A MAJOR IN REAL ESTATE AND INSURANCE

JUNIOR YEAR	SEM. HRS.
ACC 300 Administrative Accounting	3
ECO 301, 302 Statistics I, II	6
FIN 389 Business Finance	3
GBA 375 Managerial Communications	3
MGT 360 Fundamentals of Mgt.	3
MKT 300 Principles of Marketing	3
REI 325 General Insurance	3
REI 330 Principles of Real Estate	3
REI 326 Intr. to Actuarial Sci. or MAT 312 Applied Math for Business	3

SENIOR YEAR	SEM. HRS.
ECO 330 Money and Public Policy	3
Courses selected from the following	18
REAL ESTATE GROUP: (Min. of two)	
REI 334 Residential Valuation	
REI 340 Real Estate Law	
REI 345 Property Management	
REI 432 Real Estate Finance	
REI 434 Income Property Valuation	
REI 460 Real Estate Development	
REI 470 Real Estate Brokerage	

GBA 290 or CSS 240	3
	33

INSURANCE GROUP: (Min. of two)	
REI 326 Intr. to Actuarial Sci.***	
REI 425 Life Insurance	
REI 445 Property and Liability Ins.	
REI 450 Health Insurance	
MGT 485 Administrative Policy	3
General Electives	6
	30
TOTAL:	128

***May not be used in major if chosen in place of MAT 312.

DEPARTMENT OF MANAGEMENT

Roy N. Moore, Chairman
Hattiesburg, MS 39406-5077
(601) 266-4673

The program of study in management has three objectives: (1) to provide students with concepts, knowledge, and skills required in the effective management of profit-making enterprises, government institutions, and non-profit service organizations; (2) to prepare the student for employment which will lead to positions of managerial responsibility; and (3) to make available to students pursuing technical, educational, and professional careers training in general management to apply in their specialized fields.

Students interested in management may major in either industrial or personnel management. The industrial management option places emphasis on manufacturing and production problems such as product engineering, manufacturing methods and equipment, plant layout, production planning, and quality control. The personnel management option emphasizes the human problems of administration including union-management relations, manpower development, compensation, and managerial communications.

Careers in management are available in industry, government, service organizations, and teaching. Beginning employment opportunities for which the management graduates are trained include such jobs as line supervisor, production scheduler and dispatcher, time study, employment interviewer, training supervisor, and management trainee. Their broad education and training will, when coupled with additional maturity and experience, serve to further their careers in more responsible management positions such as production or plant manager, labor relations director, or personnel administrator.

The recommended minor in Management for a non-business major is ECO 255, MGT 360, and four courses in the Management Department.

REQUIREMENTS FOR A MAJOR IN PERSONNEL MANAGEMENT

JUNIOR YEAR	SEM. HRS.
Accounting 300	3
GBA 290	3
Economics301, 302, 330	9
Finance 389	3
General Business Administration 375	3
Management 360, 364	6
Marketing 300	3
Electives—advanced mathematics, behavioral science, speech communications, or English	3
	33

SENIOR YEAR	SEM. HRS.
Management 386, 454, 465, 468, 472, 484	18
Management 485	3
General Electives	9
	30
TOTAL:	128

REQUIREMENTS FOR A MAJOR IN INDUSTRIAL MANAGEMENT

JUNIOR YEAR	SEM. HRS.
Accounting 300	3
GBA 290 or CSS 240	3
Economics 301, 302, 330	9
Finance 389	3
General Business Administration 375 or MGT 386	3
Management 360, 464	6
Marketing 300	3
Mathematics 312	3
	33

SENIOR YEAR	SEM. HRS.
Industrial and Vocational Education 323	3
Management 465, 454 or 468, 467, 472, 476, 482	18
Management 485	3
General Electives	6
	30
TOTAL:	128

DEPARTMENT OF MARKETING

Thomas T. Ivy, Chairman
Hattiesburg, MS 39406-5091
(601) 266-4627

Marketing is a major concern of all businesses and a growing number of non-profit organizations. The goals of the marketing program are to: (1) prepare students for entry-level positions in marketing; (2) provide the background necessary to advance to higher level marketing management positions, and (3) develop executive skills that are critical for success in all business occupations. It is necessary, therefore, that the student not only learn marketing concepts but that he/she develops the ability to: (1) think creatively; (2) solve problems; (3) communicate orally and in writing; and (4) understand and work with people.

Marketing courses are taught in such a way that the student obtains a thorough knowledge of marketing principles and techniques and develops the executive skills needed to apply them in the business world.

Upon graduation, marketing majors obtain employment as sales representatives, purchasing managers, advertising technical or managerial personnel, and retail store owners, managers, or buyers. With experience or graduate training, graduates move into marketing research, product management, or marketing management positions. Career opportunities are numerous since more than half of all American workers are employed in the marketing of products and services.

For a student not majoring in the College of Business Administration, a minor in Marketing may be earned by completing eighteen (18) hours of courses in the following recommended sequence:

	Hours
MKT 300	3
MKT 330, 342, 355	9
MKT 430, 442, 455 (select one)	3
One other marketing elective	3
Total	18

Students in the department major in Marketing Management and select an emphasis in one of the following areas: marketing management, sales management, retail management, advertising, and purchasing management.

Requirements for an Emphasis in Marketing Management

The Marketing Management emphasis allows students to select a general marketing curriculum as preparation for careers as marketing officers of small firms. It is also appropriate preparation for graduate work.

JUNIOR YEAR	SEM. HRS.
Accounting 300	3
GBA 290 or CSS 240	3
Economics 301, 302, 330	9
Management 360	3
Marketing 300, 322	6
Select Two:	6
Marketing 330, 342, 355, 370	
*Directed Electives (Select two from behavioral science, social science, mathematics (MAT 312 is recommended), or computer science)	3
	33

SENIOR YEAR	SEM. HRS.
Finance 389	3
Management 485	3
Marketing 424, 428	6
Select One:	3
Marketing 365, 380, 390, 410, 495	
Select Two:	6
Marketing 430, 458, 422	
*Electives	9
	30
TOTAL:	128

*Courses selected must be approved by chairman.

Requirements for an Emphasis in Sales Management

The Sales Management emphasis is designed to prepare students for professional sales and sales management positions with major manufacturers, wholesalers, and multinational corporations. The course sequence specifies courses which are geared to the skills and knowledge necessary to enter these fields.

JUNIOR YEAR	SEM. HRS.
Accounting 300	3
Economics 301, 302, 330	9
GBA 290 or CSS 240	3
Management 360	3
Marketing 300, 322, 330	9
Select One:	3
Marketing 342, 355, 365	
*Directed Elective (Select from behavioral science, social science mathematics, computer science, or other courses approved by chairman)	3
	33

SENIOR YEAR	SEM. HRS.
Finance 389	3
Management 485	3
Marketing 424, 428, 430	9
Select Two:	6
Marketing 370, 380, 495	
*Electives	6
Directed Elective: (Select from behavioral science, social science, mathematics, computer science	3
	30
TOTAL:	128

*Courses selected must be approved by chairman.

Requirements for an Emphasis in Retail Management

The Retail Management emphasis prepares students for retail management positions with regional and national retail firms. It is also appropriate for students who want to own a retail store.

JUNIOR YEAR	SEM. HRS.
Accounting 300	3
GBA 290 or CSS 240	3
Economics 301, 302, 330	9
Management 360	3
Marketing 300, 322, 330, 342	12

SENIOR YEAR	SEM. HRS.
Finance 389	3
Management 485	3
Marketing 355, 365, 424, 428, 442	15
*Electives	6
Directed Elective	3

*Directed Elective: (Select from behavioral science, social science, mathematics, or computer science (CSS 342 is recommended)	3
	33
(Select from behavioral science, social science, mathematics, or computer science (CSS 342 is recommened)	30
TOTAL:	128

*Courses selected must be approved by chairman.

Requirements for an Emphasis in Advertising

Students selecting an emphasis in Advertising take a specialized program to prepare them for the exacting requirements for an advertising career. Advertising gradutes are employed as account executives, promotional managers, and advertising managers for firms in retailing and manufacturing.

JUNIOR YEAR	SEM. HRS.
Accounting 300	3
GBA 290	3
Economics 301, 302, 330	9
Managment 360	3
Marketing 300, 322, 355	9
Select One: Marketing 330 or 342	3
*Directed Elective: (Select from behavioral science, social science, mathematics, or computer science)	3
	33

SENIOR YEAR	SEM. HRS.
Finance 389	3
Management 485	3
Marketing 365, 424, 455,	9
Select one: MKT 428 or 458	3
Select One: Radio-Television-Film 311, 330, 340, or Jou 311	3
*Electives	6
*Directed Elective: (Select from behavioral science, social science, mathematics, or computer science	3
	30
TOTAL:	128

*Courses selected must be approved by chairman.

Requirements for an Emphasis in Purchasing Management

The Purchasing Management emphasis prepares students for careers in industrial, institutional, and governmental purchasing.

JUNIOR YEAR	SEM. HRS.
Accounting 300	3
GBA 290 or CSS 240	3
Economics 301, 302, 330	9
Management 360	3
Marketing 300, 322, 330, 370	12
*Directed Electives: (Select two from behavioral science, social science, mathematics, or computer science (CSS 342 is recommended)	3
	33

SENIOR YEAR	SEM. HRS.
Finance 389	3
Management 465, 485	6
Marketing 390, 410, 424, 428	12
*Electives	10
	31
TOTAL:	128

*Courses selected must be approved by chairman.

COLLEGE OF EDUCATION AND PSYCHOLOGY
ACADEMIC OFFERINGS
1983-1984

Department	Major	Degree**
BUSINESS EDUCATION		
	BUSINESS EDUCATION	BS
	Bilingual Secretarial Studies Emphasis	
	Court Reporting Emphasis	
	Distributive Education Emphasis	
	Executive Secretarial Studies Emphasis	
	Office Management Emphasis	
COUNSELING PSYCHOLOGY AND COUNSELOR EDUCATION		
	SOCIAL AND REHABILITATION SERVICES*	BS
CURRICULUM AND INSTRUCTION		
	ELEMENTARY EDUCATION	BS
	K-3 Education Emphasis	
	K-8 Education Emphasis	
	SECONDARY EDUCATION*	BS
INDUSTRIAL AND VOCATIONAL EDUCATION		
	INDUSTRIAL ARTS*	BS
	INDUSTRIAL MECHANICS*	BS
	INDUSTRIAL AND VOCATIONAL EDUCATION	BS
	Secondary Trades and Industry Emphasis	
	Post-Secondary Trades and Industry Emphasis	
	Technical Education Emphasis	
	(ARTS AND CRAFTS)***	
PSYCHOLOGY		
	PSYCHOLOGY	BA, BS
	General Psychology Emphasis	
	Pre-Professional Psychology Emphasis	
	Teaching Psychology Emphasis	
SPECIAL EDUCATION		
	SPECIAL EDUCATION	BS
	Blind/Visually Impaired Emphasis	
	Crippled and Health Impaired Emphasis	
	Mental Retardation Emphasis	
	Specific Learning Disabilities Emphasis	

*Minor Available
**Degree Abbreviations: (BA) Bachelor of Arts, (BS) Bachelor of Science, (C) Two-Year Certificate
***Minor Only Available

COLLEGE OF EDUCATION AND PSYCHOLOGY

Bobby D. Anderson, Dean
Gary S. Rush, Assistant Dean
Hattiesburg, MS 39406-5023
(601) 266-4568

Paul Peddicord, Assistant Dean
Hattiesburg, MS 39406-8206
(601) 266-4568

The University of Southern Mississippi, through its College of Education and Psychology, holds membership in the American Association of Colleges for Teacher Education. All undergraduate programs in teacher education are fully accredited by the National Council for Accreditation of Teacher Education (NCATE). For details of graduate teacher education programs, consult the **Graduate Bulletin**. For degrees offered by each department, please see the previous page.

PURPOSES

The purposes of the College of Education and Psychology are: (1) to prepare teachers for the public schools and the colleges and universities; (2) to offer non-teaching degree programs on the undergraduate level in business education, industrial mechanics, psychology, and social and rehabilitation services (for graduate level non-teaching degree programs consult the **Graduate Bulletin**); (3) to provide clinical and professional services to the public schools of Mississippi and to the University; and (4) to promote educational and psychological research.

These purposes are achieved through: (1) the work of the various departments in the College; (2) clinics and offices for professional services; (3) cooperation with the public schools; and (4) cooperation with other colleges and schools of the University in the development of teacher education programs that meet requirements for Mississippi certification and National Council for Accreditation of Teacher Education approval.

ADMISSION REQUIREMENTS

Any student who satisfies admission requirements to the University of Southern Mississippi through the Office of Admissions is eligible for admission to the College of Education and Psychology.

An Application for Admission (Form A7) must be approved by the Dean of the College of Education and Psychology and be filed in this office.

The above criteria for admission applies to beginning freshman students, transfer students from within the University of Southern Mississippi, and transfer students from another college or university.

Admission to the College of Education and Psychology does not constitute admission to a teacher education program nor to a non-teaching major program. Program planning and proper advisement must be completed to gain admission to both Teacher Education Programs and Non-Teaching Programs.

Regular status in the College of Education and Psychology is maintained by meeting the quality point requirements for hours completed as designated by the general University requirement and evaluated by the Registrar's Office.

General Core, College of Education and Psychology

All students (teaching and non-teaching) are required to satisfy the requirements of the General Core, College of Education and Psychology. Exceptions must be approved by the department chairman and the Dean of the College.

General Core

	Hours
English 101, 102, and two other English courses 200 level or above except ENG 300 and ENG 333	12
History 101, and 102, or 140 and 141	6
Social Sciences	6

Elect two courses from the following for 6 hours (no more than 3 hours from any area):

Anthropology	Political Science
Economics	Sociology
Geography	Religion (non-teaching majors only)
Philosophy	

	Hours
Science Biological Science—6 hours Physical Science—6 hours (All non-science majors may take the Fundamentals of Science series.)	12
Mathematics	3
Psychology 110	3
Fine Arts	3
Speech Communication 111	3
Health and Safety Education 101	3
Physical Education/ROTC/AFROTC	2

Students are required to take physical activity courses during the freshman year. Freshman students may elect ROTC/AFROTC I in lieu of the physical education requirement. Students participating in varsity athletics, Marching Band, Dixie Darlings, Cheer Leaders, or Pom Pon girls may substitute this for required physical education. Persons with military experience and holders of AA degrees are exempt from physical education activity courses.

TEACHER EDUCATION PROGRAMS AND REQUIREMENTS

One of the primary functions of the College of Education and Psychology is that of coordinating the teacher education programs for the University. The following objectives were formulated to carry out adequately this function:

1. Attract those students who desire to make teaching a career.
2. Acquaint prospective teachers with all phases of the profession through the tutelage of a competent College staff.
3. Provide programs of basic studies and pre-teaching activities which will insure a minimally acceptable level of teaching knowledge and skill in an area of specialization within each student.
4. Make available to students the educational resources and support services needed to complement their instructional program.
5. Maintain a continuous counseling service which will help to guide students in the proper selection of courses for their personal and professional development.
6. Sustain an orderly system of selecting and retaining those individuals who perform at or above those standards required by the Teacher Education Council.
7. Encourage both instructors and students in the various classes to visit and observe local schools in day-to-day operations.
8. Study, screen, and assign students to school classrooms where qualified teachers can provide certain pre-teaching experiences.
9. Aid students in obtaining state certification in their area or areas of specialization.
10. Help students make appropriate career decisions.
11. Provide prospective employers with proper information regarding the student's performance at the University.
12. Utilize a system of follow-up on each student's performance as a classroom teacher.
13. Make staff members available to local school inservice programs which are designed especially for staff and/or curriculum improvement.

Proposed Policy Concerning Admission to Teacher Education Programs

Beginning with the admittance to teacher education sequence of Spring 1983, students who desire to be admitted to a professional teacher education program (not just admitted to a college, school, or department of education) at an institution under the governance of the Board of Trustees of State Institutions of Higher Learning must have first successfully passed a test that will be used to determine the students' command of the basic educational skills and general education knowledge. The students described above would typically be in their sophomore year and would be beginning the normal full sequence of professional education courses in their junior year.

To assist in establishing testing norms, students who have been admitted to teacher education and who are in the first semester of their professional teacher education program will be tested beginning in the fall term of 1981. Students not already admitted by the fall term of 1981 plus applicants through the fall term of 1982 must take the aforementioned test on respective dates as a condition of admittance although no minimum score will be required.

Additional specific requirements may be imposed for those students seeking to be admitted to teacher education beginning with the admittance sequence of Spring, 1983.

Criteria for Admission to Teacher Education Programs

All applicants for admission to a program leading to teacher certification must be approved by the **Screening Committee.**

Freshman and sophomores who have indicated a desire to pursue a Teacher Education Program will be notified at the proper time for filing the Program Plan-Teaching Form.

Application for admission to a teacher education program is accomplished by:

1. Obtaining the Program Plan-Teaching Form (Ed 8a) from the College of Education and Psychology Dean's Office.
2. Filling out this form properly with the major adviser and the help of an education adviser.
3. Having this form checked and turned into the designated adviser in the Department of Curriculum and Instruction.
4. Having the Curriculum and Instruction adviser forward the Program Plan-Teaching Form to the Dean's Office, College of Education and Psychology.

Upon receiving the required forms, the Dean's Office will initiate a file on the student.

Once this sequence is accomplished successfully, a T.E. should be evidenced each semester on the Registration Appointment Form. This symbol indicates to all advisers involved that an approved program plan for teaching certification has been checked and filed in the College of Education and Psychology Dean's Office.

Criteria which must be met for tentative approval include the following:

1. An overall 2.2 grade point average.
2. At least a C average in first year English. (If this is not met, ENG 332 must be taken to remove the deficiency. If ENG 332 is taken to remove the deficiency, the course may not then be used toward the twelve (12) semester hours of required English.)
3. Acceptable physical health status.
4. Satisfactory personal characteristics.

Criteria for Completion of Teacher Education Programs

All teacher candidates must complete all graduation requirements set forth in the general University regulations as well as: (1) complete all program requirements as set forth in the official Program Plan (Ed 8a); (2) earn a grade of C or higher in all professional education courses included in the respective teaching program.

Teaching Certification

Students preparing to teach must choose a teaching area from one of the following:
Elementary Education (K-3, K-8).
Secondary Education (7-12), or Special Areas (K-12).

To prepare for a career in secondary education the student will either: (1) major in secondary education and select two academic minors in fields leading to teacher certification; or (2) secure an academic major in an area of teacher certification along with a secondary education major or minor. In addition to the aforementioned, the student should refer to additional general and professional requirements listed under the Secondary Education Section (see Department of Curriculum and Instruction).

Additionally, the **National Teacher's Examination** must be taken by all who seek a teaching certificate.

Requirements for Teaching Degrees

Students preparing to teach usually pursue the Bachelor of Science degree through the College of Education and Psychology. However, students preparing as teachers at the secondary school level may choose to pursue the Bachelor of Arts degree through the College of Education and Psychology provided the degree is offered for the major in the college or school offering the major. It is permissible for a student to graduate from any college or school that offers a teaching major if the student prefers. However, all students who desire to become teachers must apply for admission to the Teacher Education Program in the College of Education and Psychology and be screened according to the preceding outlines procedures for admission to the program.

Requirements for Non-Teaching Degrees

The College of Education and Psychology offers major programs in psychology, business education with emphases in office management, executive secretarial studies, bilingual secretarial studies, court reporting, social and rehabilitation services, and industrial vocational areas leading to the Bachelor of Science non-teaching degree. Students in psychology may take programs leading to the Bachelor of Arts degree.

Bachelor of Arts (Non-Teaching)

The requirements for the Bachelor of Arts non-teaching degree are the same as those for the Bachelor of Science non-teaching degree with one exception. Students in the Bachelor of Arts program must complete six (6) to nine (9) hours in a foreign language. Those students who have completed two years of the same language in high school and who make satisfactory placement test scores may meet the language requirement by completing six (6) semester hours in the same language at the 200 level or above.

Major Requirements and Electives

Students should consult with their major departments concerning the major and/or minor requirements and electives which constitute the balance of the degree requirements.

SPECIAL SCHOOL SERVICES

Office of Student Teaching

Willie E. Cooley, Director

Hattiesburg, MS 39406-5028

(601) 266-4571

The basic purpose of the student teacher program is to provide all students in teacher education with opportunities that will assist them in developing the skills and competencies necessary for a beginning teacher. The student teaching program provides an environment for a realistic evaluation of the strengths and weaknesses of prospective teachers.

All student teaching is done in off-campus cooperating schools designated by the Director of Student Teaching. Supervision is provided by cooperating school personnel and faculty members of the University.

Each student must follow the procedure listed below in submitting his/her application for student teaching.

Requirements for Student Teaching

Application:

Formal application must be submitted to the Office of Student Teaching at the beginning of the semester prior to the student teaching semester. Applications for spring **must** be in the Student Teaching Office no later than September 30 and February 28 for fall. ALL STUDENTS MUST REGISTER FOR STUDENT TEACHING THROUGH USM. (This includes those who choose to student teach in another state.)

All student teachers:

1. Must have completed a minimum of eighty-eight (88) semester hours of college work.
2. Must have completed a minimum of sixteen (16) semester hours in their major field, six (6) of which must have been taken in residence in this institution.
3. Must have at least a 2.2 overall average at the time they submit their application.
4. Must have been admitted to a teacher education program.
5. Must expect to spend the required time in an off-campus school designated by the Director of Student Teaching.

Students in art, music, physical education, and special education may elect to student teach for an entire semester. The student would student teach at more than one academic level and receive twelve (12) semester hours credit.

STUDENT TEACHING SEMESTER: Candidates for student teaching must submit documented evidence of a 2.2 overall average at time of application.

Candidates for student teaching in the elementary school must have completed the following courses—REF 400, CIE 300, 301, 305, 306, 309, 407, 343 or 425; EPY 370, 374; and SCE 432.

Candidates for student teaching in the secondary school must have completed CIS 313, REF 400, EPY 372 and 374, and appropriate special methods courses listed as CIS 451—465.

Candidates for student teaching in Special Education must have completed EPY 370 or 372, 374; REF 400, 469; and thirty (30) semester hours in SPE.

Regulations for Admission to Student Teaching Seminar

CIE 489 and CIS 495

Student teaching for inservice teachers will be offered in the summer for six (6) semester hours when necessary. To be eligible for this course:

1. The applicant shall submit evidence of two years teaching experience and recommendation from a principal or superintendent under whom the applicant has worked.
2. The applicant shall present evidence of a contract for the coming school year.
3. The applicant shall have previously earned twelve (12) semester hours from this institution and shall not be on probation.
4. The applicant must be in an undergraduate degree program at this institution.
5. The applicant must be teaching in Mississippi.
6. The applicant must meet all the requirements for student teaching.
7. Permission to enroll in these classes shall be granted by the Director of Student Teaching following an interview with the applicant.
8. Application for inservice student teaching must be made in the Student Teaching Office by March 30.

Psychology Clinic

Charles D. Noblin, Director

Hattiesburg, MS 39406-8176

(601) 266-4588

The University of Southern Mississippi, through the Psychology Clinic, affords graduate students in psychology opportunities for clinical experience in a psychology practicum

setting. Training and experience in diagnostic testing, psychological appraisal, psychotherapy, behavior modification techniques, and biofeedback are the primary foci of the Clinic's function. Work with both children and adults provides doctoral level graduate students specializing in the clinical areas with a variety of experiences with different forms of maladaptive behavior and learning problems.

Another major function of the Clinic is to provide psychological services to University students, as well as faculty, staff, and their families. Additionally, service to the community and to the state in the form of diagnosis and treatment of emotional and learning problems is an important function of the Clinic.

Members of the Clinic's staff and the Psychology Department offer consultation to other clinics on the campus and work with them on various related problems.

University students, faculty, and staff personnel may obtain free psychological services by applying to the Clinic.

In ALL cases, student clinicians are closely supervised by Ph.D. clinical psychologists.

The Reading Center

Lawrence Smith, Coordinator

Hattiesburg, MS 39406-5026

(601) 266-5247

The primary responsibility of the Reading Center is in promoting effective teacher education for elementary and secondary students in methods, techniques, and materials in reading and language arts. Focus of the programs is at the undergraduate, master's and advanced graduate levels emphasizing theory, practice, evaluation, and research. The Reading Center is able to offer limited services in the diagnosis of reading problems and remedial reading to children referred to the Center. The cost of the diagnostic evaluation which includes a suggested program of remedial procedures is $35.00, or a proportionate part, based on ability to pay. Remedial instruction, provided by a graduate or undergraduate student on a limited basis, is $40.00 per semester.

An up-to-date collection of materials used for elementary, secondary, or adult reading instruction and a library of children's books are open for examination.

University students and adults may obtain testing, counseling, and special instruction in the reading areas of comprehension, vocabulary development, and study skills improvement through enrolling in the Center's "Improvement of Study" course.

An annual reading conference is held each year in the spring or summer. Nationally known reading authorities are featured on the program.

Institute for Educational Leadership

James H. McPhail, Director

Hattiesburg, MS 39406-5068

(601) 266-4478

The general purpose of the Institute for Educational Leadership is the improvement of educational leadership through the cooperation of personnel at the University of Southern Mississippi and the school districts of Mississippi. More specifically, through the Institute activities, efforts will be made to utilize University resources in helping solve educational problems and to promote general improvement in the quality of education in the state. The Institute will serve as a field services division for the College of Education and Psychology and will strive to promote cooperative interaction between the University and the school districts, stimulate the exchange of ideas and successful educational practices, promote cooperative research leading to the solution of problems, disseminate ideas and information, conduct and sponsor workshops and seminars, help arrange for consultative services to the schools from the University, and in general, serve as a cooperative planning and development unit through which the University and the schools can be more effective in serving the educational needs of their constituents.

Center For Community Education

William Hetrick, Director

Hattiesburg, MS 39406-9336

(601) 266-4578

The Center for Community Education, located in the Department of Educational Administration, Research, and Foundations, is part of a national network of over eighty cooperating centers, each responsible for promoting Community Education in a specific geographic area. Founded in 1974, the Center at the University of Southern Mississippi serves the State of Mississippi through:

disseminating information on the Community Education concept through brochures and informational hand-outs, films, slides, and formal presentations;

providing advice and technical assistance to community colleges, school districts, communities and individual schools wishing to start Community Education;

providing for the training needs. Included herein is the training of professional personnel who administer Community School programs plus in-service training for staff members and community members.

Counseling Psychology Laboratory

Jack L. Daniels, Director

Hattiesburg, MS 39406-5012

(601) 266-4601

The Counseling Psychology Laboratory, in the Department of Counseling Psychology and Counselor Education, is designed to assist individuals whose problems fall within the realms of educational planning, vocational or career decision-making, personal-social adjustment, and marriage and family counseling. It serves two purposes: (1) to offer professional service to persons seeking such services and (2) to provide qualified graduate students the opportunity to observe and apply theoretical concepts.

The Laboratory is available to anyone of any age, students or general public, whose problems fall within the scope of the services outlined above. These services are not restricted to any particular area nor to any particular group.

The staff of the Counseling Psychology Laboratory is composed of members of the teaching faculty of the Department of Counseling Psychology and Counselor Education and graduate students under their supervision.

Children's Laboratory of Learning

Patricia Jobe, Director

Hattiesburg, MS 39406-5102

(601) 266-5353

The Children's Laboratory of Learning is a part of the Department of Curriculum and Instruction. It provides a three-fold purpose: (1) a half-day kindergarten program for 5-year-old children; (2) a site for graduate and undergraduate teacher training in methods and materials used in early childhood education; and (3) a site for approved research projects conducted by graduate students and faculty and for adjunct services offered in the Speech and Hearing Clinic, the Department of Special Education, the Department of Physical Education, and other colleges and schools within the University.

Staff members are available for consultation services, inservice workshops, and off-campus courses.

Applied Gerontology Educational Services

W. Lee Pierce, Coordinator

Hattiesburg, MS 39406-5154

(601) 266-4621

The University of Southern Mississippi's Office of Applied Gerontology Education Services exists to coordinate the following University functions in the field of gerontology:

1. Graduate education for professionals.

2. Staff development programs for professionals and paraprofessionals.
3. Consultation and community services.
4. Research.
5. Sensitization of the general public to the status and future of the elderly in the community.

DEPARTMENT OF BUSINESS EDUCATION

L. Annelle Bonner, Chairman
Hattiesburg, MS 39406-5083
(601) 266-4665

The Department of Business Education offers a major in Business Education and the following emphases: distributive teacher education, executive secretarial studies, bilingual secretarial studies, court reporting, and office management. Students who find it necessary to leave the executive secretarial studies emphasis at the end of two years will be given a letter of reference from the department chairman confirming their accomplishment.*

The student who plans to teach business subjects or distributive education on the high school level will follow the curriculum prescriptions which lead to the Bachelor of Science teaching degree. He will enroll in the College of Education and Psychology. He must meet the admission requirements for the College. His major field of concentration will be in business subject matter or distributive education prescribed by the Department of Business Education. The professional education and psychology requirements constitute the minor.

A student interested in becoming a legal or a medical secretary can get increased emphasis in the professional field chosen through consultation with an adviser who will make necessary minor changes in the Executive Secretarial Studies program.

*Other specialized emphases are legal secretaryship and medical secretaryship.

REQUIREMENTS FOR A MAJOR IN BUSINESS EDUCATION

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
Fundamentals of Science 104, 105	6
Geography 103, Philosophy 151, Political Science 101, Sociology 101, 310, or 311 (select one)	3
Health and Safety Education 101	3
History 101, 102, or 140, 141	6
Mathematics 101 or 120	3
Physical Education	2
Psychology 110	3
	32

SOPHOMORE YEAR	SEM. HRS.
Accounting 201, 202	6
Allied Arts 100	3
Business Education 102, 202	6
Economics 255, 256	6
English (Intermediate)	6
Fundamentals of Science 106, 107	6
Speech Communication 111	3
	36

JUNIOR YEAR	SEM. HRS.
Accounting 300	3
Business Education 300, 302, 305, 310, 352, 450	17
Educational Psychology 372, 374	6
General Business Administration 295	3
Curriculum and Instruction: CIS 313, 451	6
Research and Foundations 400	3
	38

SENIOR YEAR	SEM. HRS.
Business Education 354 or 360, 452, 453, 456, 460, 472, 485	20 or 21
Special Education 400	3
Research and Foundations 469	3
Curriculum and Instruction: CIS 310, 422, 481	15
	41 or 42
TOTAL:	147-148

REQUIREMENTS FOR A MAJOR IN BUSINESS EDUCATION

Emphasis: Office Management

FRESHMAN YEAR	SEM. HRS.
Allied Arts 100	3
Computer Science 100	3
English 101, 102	6
Fundamentals of Science	6
Health and Safety Education 101	3
History 101, 102, or 140, 141	6
Physical Education	2
Psychology 110	
Sociology 101, 210; Geography 103; Political Science 101	3
	35

SOPHOMORE YEAR	SEM. HRS.
Accounting 201, 202	6
Business Education 102	3
Economics 255, 256	6
English (Intermediate)	6
Fundamentals of Science	3
Mathematics 101 and 112 or 120	6
Psychology 251	3
Speech Communication 111	3
	36

JUNIOR YEAR	SEM. HRS.
Accounting 300	3
Business Education 300, 310, 352	8
Economics 330	3
Elective	3
Finance 301	3
General Business Admin. 295	3
Management 360	3
Marketing 300	3
	29

SENIOR YEAR	SEM. HRS.
Business Education 354, 360, 450, 460, 480, 485	17
Elective	2
Management 364, 454, 468,	9
	28
TOTAL:	128

REQUIREMENTS FOR A MAJOR IN BUSINESS EDUCATION

Emphasis: Bilingual Secretarial Studies

A Second Emphasis: Foreign Language

FRESHMAN YEAR	SEM. HRS.
Allied Arts 100	3
Business Education 101, 102	6
English 101, 102	6
Foreign Language	3
Health and Safety Education 101	3
Mathematics 101, 112 or 120	3
Physical Education	2
Speech Communication 111 or 210	3
Fundamentals of Science	3
	32

SOPHOMORE YEAR	SEM. HRS.
Business Education 201, 202	6
Economics 255, 256	6
English (Intermediate)	6
Foreign Language	9
Fundamentals of Science	6
History 101, 102	6
	39

JUNIOR YEAR	SEM. HRS.
Accounting 201, 202	6
Anthropology 315	3
Business Education 305, 310, 450	9
Finance 301 or 389	3
Foreign Language	9
General Business Administration 295	3
Geography 403 or 404	3
	36

SENIOR YEAR	SEM. HRS.
Business Education 300, 352, 354, 460, 472, 480, 485	19
Economics 330	3
Foreign Language	9
History 380, 381, 480, 481 (select any two)	6
	37
TOTAL:	144

REQUIREMENTS FOR A MAJOR IN BUSINESS EDUCATION

Emphasis: Distributive Education

FRESHMAN YEAR	SEM. HRS.
Allied Arts 100	3
Business Education 101 or 102	3
Economics 255	3
English 101, 102	6
Fundamentals of Science 104, 105	6
Geography 103, Philosophy 151, Political Science 101, Sociology 101 or 311 (select one)	3
Health and Safety Education 101	3
History 101, 102, or 140, 141	6
Physical Education	2
	35

SOPHOMORE YEAR	SEM. HRS.
Accounting 201, 202	6
English (Intermediate)	6
Fundamentals of Science 106, 107	6
Management 360 or 364	3
Marketing 300	3
Mathematics 101 or 120	3
Psychology 110	3
Speech Communication 111	3
	33

JUNIOR YEAR	SEM. HRS.
Accounting	3
Business Education 300, 302, 352, 451, 452, 454	17
Curriculum and Instruction: CIS 313, 451	6
Research and Foundations 400	3
Educational Psychology 372, 374	6
Marketing 330	3
	38

SENIOR YEAR	SEM. HRS.
Business Ed. 340, 453, 455, 485	11
Curriculum and Instruction: CIS 310, 422, 481	15
Marketing 342, 355	6
Research and Foundations 469	3
Special Education 400	3
	38

TOTAL: 144

REQUIREMENTS FOR A MAJOR IN BUSINESS EDUCATION

Emphasis: Executive Secretarial Studies

FRESHMAN YEAR	SEM. HRS.
Allied Arts 100	3
English 101, 102	6
Fundamentals of Science 104, 105	6
History 101, 102, or 140, 141	6
Mathematics 101, 112, or 120	3
Political Science 101 or Sociology 101 or Geography 103	3
Physical Education	2
	29

SOPHOMORE YEAR	SEM. HRS.
Accounting 201, 202	6
Business Education 102, 202	6
Economics 255	3
English (Intermediate)	6
Fundamentals of Science 106	3
Health and Safety Education 101	3
Psychology 110	3
Speech Communication 111	3
	33

JUNIOR YEAR	SEM. HRS.
Accounting 300	3
Business Education 300, 305, 310, 352, 354	13
Economics 256	3
Finance 301	3
General Business Administration 295	3
Marketing 300	3
Elective	3
	31

SENIOR YEAR	SEM. HRS.
Business Education 360, 450, 460, 472, 480, 485	18
Economics 330	3
Electives	11
	32

TOTAL: 125

REQUIREMENTS FOR A MAJOR IN BUSINESS EDUCATION

Emphasis: Court Reporting

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
History 101, 102, or 140, 141	6
Fundamentals of Science 106	3
Political Science 101	3
Sociology 101	3
Psychology 110	3
Mathematics 101, 120, or 112	3
Allied Arts 100	3
Business Edcuation *199	3
Physical Education	2
	35

SOPHOMORE YEAR	SEM. HRS.
Speech Communications 111	3
Biology 220, 221	8
Economics 255, 256	6
Health and Safety Education 101	3
English (Intermediate)	6
Business Education 102, *202	6
Criminal Justice 200	3
	35

JUNIOR YEAR	SEM. HRS.
Criminal Justice 330, 331	6
Business Education 300, *305, 310, 352	11
Accounting 201, 202	6
General Business Administration 295	3
Marketing 300	3
	29

SENIOR YEAR	SEM. HRS.
Political Science 380, 481	6
Business Education 354, 360, *404, 460, 475, 477, 485, *490	23
Finance 301	3
	32
TOTAL:	131

*Taught by a Registered Professional Reporter

DEPARTMENT OF COUNSELING PSYCHOLOGY AND PSYCHOLOGY AND COUNSELOR EDUCATION

John D. Alcorn, Chairman
Hattiesburg, MS 39406-5012
(601) 266-4602

The Department of Counseling Psychology and Counselor Education offers both graduate and undergraduate programs. At the graduate level, separate curricula are offered to prepare students for positions in elementary and secondary school, college, and community agency settings. See the **Graduate Bulletin** for course patterns of each curriculum. The department offers work leading to the Master of Education degree in Counseling and Personnel Services; the Master of Science degree in Counseling Psychology; and the specialist degree in Counseling and Guidance. An APA-approved doctoral program is offered in Counseling Psychology. The course pattern included in the Master of Education program in Counseling and Personnel Services will meet Mississippi State Department of Education requirements for AA certification as a school counselor.

At the undergraduate level, a student may earn the Bachelor of Science degree in Social and Rehabilitation Services with or without teacher certification.

Option 1, (no certification) provides an interdepartmental major which includes thirty-six (36) semester hours in Social and Rehabilitation Services courses (CPY), nine (9) semester hours in Psychology, and fifteen (15) semester hours in Special Area courses. Three interest tracks are identified under this option which relate to individual vocational objectives including Mental Health/Rehabilitation Generalist, Pre-Professional Counseling Psychology, and Pre-Social Work.

Option 2 provides for teacher certification in most certification fields: this option is especially designed for individuals who wish to become school counselors and is integrated with the Graduate Program in Counseling and Personnel Services for school and college couunselors.

A minor may be chosen in a related area, in which case, courses included under the interdepartmental major may be used in the minor area. Itt is necessary to include at least eighteen hours in such a minor. A minor, however, is not required.

CURRICULUM SEQUENCE FOR A MAJOR IN SOCIAL AND REHABILITATION SERVICES*

OPTION 1
Mental Health or Rehabilitation Career Preparation
(Without certification)

FRESHMAN YEAR	Sem. Hrs.
English 101, 102	6
Fundamentals of Science 104, 105	6
His. 101, 102, or 140, 141	6
Mathematics 101 or 120	3
Fdns. of Pers. Dev. (CPY 101)	3
Speech Comm. 111 or 210	3
Health 101	3
Phys. Education	2
	32

SOPHOMORE YEAR	Sem. Hrs.
English (200 level literature courses are recommended	6
Fund. of Science 106, 107	6
Psychology 110	3
Intro. to SRS (CPY 210)	3
Soc. Science Elec.	3
Allied Arts 100 or Art Educ. 207	3
*Special Area Courses	6
Elective	3
	33

JUNIOR YEAR	Sem. Hrs.
Social & Reh. Services: CPY 311, 313, 312, 361	12
PSY 251 or 310, 375	6
*Special Area Courses	6
Social Service Elective	3
Electives	6
	33

SENIOR YEAR	Sem. Hrs.
Social & Reh. Services: CPY 431	3

OPTION 2
School Counselor or Dual Career Preparation
(With Teacher Certification)

FRESHMAN YEAR	Sem. Hrs.
English 101, 102	6
Fund. of Science 104, 105	6
His. 101, 102, or 140, 141	6
Mathematics 101 or 120	3
Fdns. of Pers. dev. (CPY 101)	3
Speech Comm. 111 or 210	3
Hlth 101	3
Phys. Education	2
	32

SOPHOMORE YEAR	Sem. Hrs.
English (200 level literature courses are recommended	6
Fund. of Science 106, 107	6
Psychology 110	3
Intro. to SRS (CPY 210)	3
Soc. Science Elec.	3
Allied Arts 100 or Art Educ. 207	3
EPY 372, 374	6
**Teaching Field Course	3
	33

JUNIOR YEAR	Sem. Hrs.
Social & Reh. Services: CPY 313, 312, 361	9
Princ. of Guidance	3
REF 400-Pub. Ed. in US	3
REF 469-Tests & Meas.	3
CIS 310-Jr. Sr. H.S. Reading	3
CIS 313-Princ. of H.S. Teaching	3
REF 416-Aud. Vis. Educ.	3
**Teaching Field Course	3
Social Service Elective	3
	33

SENIOR YEAR	Sem. Hrs.
Social & Reh. Services: CPY 431	3

Select 3 courses from:	
CPY 430, 423, 433, 435, 497	9
CPY 462-463-practicum	6
Abnormal Psychology	3
Special Area Courses	3
Electives	8
	32
TOTAL HOURS	130

Select 2 courses from:	
CPY 430, 423, 433, 435, 497	6
CIS 481-494-Student Teaching	9
Abnormal Psychology	3
CIS 451-465-Methods Course	3
CIS 422-Cur. Dev. Career Ed.	3
SPE 400-Psy/Ed. Exc Child	3
**Teaching Field Course	12-22
	***42-52
	***140-150

* Special area course may be chosen from business educaiton, management, marketing, finance, special education, criminal justice, child development, or selected teaching fields
**Follow State of Mississippi Certification Requirements listed elsewhere.
***Hours shown include additional semester(s) as senior.

DEPARTMENT OF CURRICULUM AND INSTRUCTION

Thomas Pickering, Chairman
Hattiesburg, MS 39406-5027
(601) 266-4547

JOINT ASSIGNMENT WITH OTHER DEPARTMENTS: Hickman, English; I. Brown, Science Education; Wiggins, Journalism; Shands, Speech Communication; Dunigan, R.W. King, and Mullins, Mathematics; Hunter, Industrial and Vocational Education; Buschner, Health, Physical Education, and Recreation; Neumann, Foreign Languages; Bowman, Art; Bonner, Business Education.

Serving as the coordinating agency within the University for the training and preparation of elementary and secondary teachers, the Department of Curriculum and Instruction provides undergraduate work for both preservice and inservice teachers. A description of the undergraduate programs in elementary and secondary education follows. Please consult the **Graduate Bulletin** for a description of the programs leading to master's, specialist's, and doctor's degrees.

ELEMENTARY EDUCATION

Students pursuing a major in Elementary Education must fulfill the requirements for one of the following two emphasis areas: (1) K-3 Education (kindergarten through grade three), or (2) K-8 Education (kindergarten through grade eight).

Admission to Elementary Education Programs

Students desiring to major in Elementary Education must meet the following criteria before being admitted to any program in elementary education:

1. Overall 2.2 GPA
2. At least a **C** average in first year English.
3. Complete a minimum of twenty (20) hours of recent observation in an elementary classroom (See Coordinator, Elementary Education Programs, EPB 108-F)
4. Show competence in Mathematics Placement Test (See Coordinator, Elementary Education Programs, EPB 108-F)

REQUIREMENTS FOR A MAJOR IN ELEMENTARY EDUCATION

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
Fundamentals of Science 133, 134	6

SOPHOMORE YEAR	SEM. HRS.
Art Education 207, 309	6
Curriculum and Instruction 300	3
Education Psychology 370	3

History 101, 102 or 140, 141	6
Health and Safety Education 101	3
Mathematics 210	3
Physical Education (activity)	1
Psychology 110	3
Speech Communication 111	3
	31

English 301, Literature	6
Fundamentals of Science 131, 132	6
Mathematics 310	3
Physical Education (activity)	1
Social Science Electives	6
	34

K-3 Emphasis

JUNIOR YEAR	SEM. HRS.
Curriculum and Instruction: CIE 300, 301, 305, 306, 309, 317	18
Music Education 361	3
Physical Education 320	3
Research and Foundations 400, 427	6
Science Education 432	3
	33

SENIOR YEAR	SEM. HRS.
Curriculum and Instruction: CIE 403, 407, 412, 422, 425, 480	25
Research and Foundations 416	3
Special Education 400	3
	31
TOTAL:	129

K-8 Emphasis

JUNIOR YEAR	SEM. HRS.
Curriculum and Instruction: CIE 300, 301, 305, 306, 309, 317, 425	21
Music Education 361	3
Physical Education 320 or 321	3
Research and Foundations 469	3
Science Education 432	3
	33

SENIOR YEAR	SEM. HRS.
Curriculum and Instruction: CIE 403, 407, 412, 422, 343, and 480 or 482	25
Research and Foundations 400, 416	6
Special Education 400	3
	34
TOTAL (K-8):	132

SECONDARY TEACHER EDUCATION PROGRAMS

(Grades 7-12)

To qualify for an undergraduate degree with certification to teach at the secondary school level, the student must complete: (1) the requirements of the General Core, College of Education and Psychology, (2) minors in at least **two** fields of teacher certification along with a secondary education major; or secure an academic major in an area of teacher certification along with a secondary education major or secondary education minor, (3) any elective requirements necessary to complete the degree program.

Admission to Secondary Education Programs

Students must meet the following criteria before being admitted to any program in secondary education:

1. An overall 2.2 grade point average
2. At least a **C** in English courses

General Core, College of Education and Psychology

All students seeking certification at the secondary-school level must complete the general education requirements listed under the General Core, College of Education and Psychology. A student receiving the degree from a college or school other than the College of Education and Psychology must also satisfy the core requirements of that college or school.

The specific courses listed below should be taken to satisfy the following general requirements of the General Core, College of Education and Psychology: Mathematics—Mathematics (MAT) 101 or MAT 120 (MAT 210 and MAT 310 may **not** be used to satisfy the mathematics requirement); Science—Fundamentals of Science (FS) 104, 105, 106, and 107 or equivalent laboratory sciences (FS 131, 132, 133, 134, and CHE 100 may **not** be used to satisfy the science requirement); Fine Arts—Allied Arts (AA) 100 or any three hour course from the following: art, music, drama, dance, and theatre.

Secondary Education Major: Dual Certification

A student who desires a secondary education major: dual certification must major in secondary education, complete the College of Education and Psychology's core requirements, and acquire certification in at least **two different** and **unrelated** fields of teacher certification.

Special fields that are used in combination to meet secondary education major: dual certification include the following:

Art
Business Education
Dance
Educationally Handicapped
English
*Foreign Language
Health and Physical Education
Industrial Arts
Home Economics
Journalism
Mathematics
Music Education
Psychology
School Media Librarian
**Science Education
Social Studies
Speech Communication

*Foreign Language includes German, Spanish, and Latin
**Science Education includes biology, chemistry, earth science, general science, and physics

Secondary Education Major

In lieu of the secondary education minor, students who plan to teach at the secondary-school level may elect and are encouraged to complete the requirements for a secondary education major which consists of the twenty-seven (27) semester hours described under the Secondary Education Minor, plus the following course: Research and Foundations (REF) 416—Audiovisual Education.

In addition to the professional education courses listed above for the secondary education major, secondary teacher education students graduating after September 1, 1981, must complete the following additional courses: Curriculum and Instruction: (CIS) 310, (CIS) 422, and Special Education (SPE) 400.

Academic Major

Students seeking certification at the secondary-school level must complete the requirements for an academic major to include all courses (both in the major area and, in some

instances, related fields) required in a teaching field. Students receiving the bachelor's degree after September 1, 1981, must meet the state's new certification requirements for secondary-school teachers. For specific course requirements for teacher certification in the various majors, students should refer to the section in this **Bulletin** under their respective academic departments.

Academic majors which offer certification in the various teaching fields at the secondary-school level are:

American Studies*
Biology**
Business Education
Chemistry**
Economics*
English
Geography*
German
History*
Home Economics Education
Industrial Arts
Industrial and Vocational Education
Journalism
Latin
Mathematics
Physics**
Political Science*
Psychology
Science Education**
Social Studies*
Sociology* (general sociology major only)
Spanish
Speech Communication

*The social studies major provides for a broad preparation in the social sciences and certifies the student to teach all of the social sciences at the secondary-school level. Specific certification in American studies, economics, geography, history, political science, or sociology is not available in Mississippi; however, these majors may receive certification in social studies to teach all of the social sciences if their degree program includes the following courses: History (HIS) 101, 102, 140, 141, and 341 (15 semester hours), economics (6 semester hours), political science (6 semester hours), geography (6 semester hours), and sociology (3 semester hours).

**Students who plan to teach at the secondary-school level should select the science education major which certifies the student to teach one or more sciences and general science. Students who desire to major and certify in one science area only (biology, chemistry, or physics) must have the approval of the Chairman of the Department of Science Education.

Secondary Education Minor

Students who plan to teach at the secondary-school level must complete the following courses (professional education requirements) which serve as the student's minor: Educational Psychology (EPY) 372, EPY 374, Research and Foundations (REF) 400, REF 469, Curriculum and Instruction: Secondary (CIS) 451-465 (a methods course in the student's certification area),*CIS 313 and *CIS 480-494.

*For information concerning the student teaching component, see the section entitled Office of Student Teaching under College of Education and Psychology and CIS Course Description Section of this **Bulletin** .

In addition to the professional education courses listed above, secondary teacher education students must complete the following additional courses: Curriculum and Instruction: Secondary (CIS) 310, (CIS) 422, Special Education (SPE) 400.

Students may not enroll in any of the secondary education minor courses shown above until they have completed and turned in a Program Plan-Teaching Form to the Coordinator of Secondary Education, Department of Curriculum and Instruction, College of Education and Psychology.

SPECIAL AREA TEACHER EDUCATION PROGRAMS

(Grades K-12)

Admission to Secondary Education Programs

Students must meet the following criteria before being admitted to any program in secondary education:

1. An overall 2.2 grade point average
2. At least a **C** in English courses

The following special area teaching degree programs are offered by the College of Education and Psychology or in cooperation with other colleges and schools of the University:

Art Education
Education of the Deaf
Library Science
Health and Physical Education
Music Education
Special Education

Students seeking special area teacher certification must complete the required courses in the following components: (1) the General Core, (refer to General Core under Secondary Education Teacher Programs), College of Education and Psychology, (2) an academic major in the selected teaching area, (3) a professional education component, and (4) any elective requirements necessary to complete the degree program. For specific course requirements for the various components, students should refer to the section in this **Bulletin** under their respective academic departments or consult the Coordinator of Secondary Education, Department of Curriculum and Instruction, College of Education and Psychology.

Teacher certification requirements for all special areas changed effective September 1, 1981. Degree programs of special area students graduating after that date must reflect these changes.

DEPARTMENT OF EDUCATIONAL ADMINISTRATION, RESEARCH, FOUNDATIONS, AND ADULT EDUCATION

Edgar H. Bedenbaugh, Chairman
Hattiesburg, MS 39406-5027
(601) 266-4579

The Educational Administration and Supervision component of the Department of Educational Administration, Research, Foundations, and Adult Education offers programs for the preparation of administrators for the public schools and colleges and for teachers of educational administration. These preparation programs are offered only at the graduate level and lead to the master's degree, the sixth year specialist's degree, and the doctor's degree. For a description of these programs, consult the **Graduate Bulletin.**

The Research and Foundations components of the Department of Educational Administration, Research, Foundations, and Adult Education provide supportive services in teacher education. At the undergraduate level, these services include Educational Foundations and Educational Media. At the graduate level, these services include Educational Foundations, Educational Media, and Research Training.

The Adult Education component of the Department of Educational Administration, Research, Foundations, and Adult Education offers graduate programs for persons who work with adult learners in a wide variety of settings. Programs are provided which lead to the master's, specialist's, and doctoral degrees. For descriptions of these programs, please consult the **Graduate Bulletin.**

Some courses are offered at the undergraduate level to support degree programs in other departments and as staff training for agencies that employ persons at the baccalaureate level or below to work with adult learners.

DEPARTMENT OF INDUSTRIAL AND VOCATIONAL EDUCATION

William B. Burns, Chairman
Hattiesburg, MS 39406-5036
(601) 266-4446

The Department of Industrial and Vocational Education offers a curriculum leading to the Bachelor of Science degree with majors in Industrial Mechanics (non-teaching), Industrial Arts, and Industrial and Vocational Education. The department also offers programs leading to the Master of Science degree in Industrial and Vocational Education and a specialist degree in Industrial and Vocational Education. For a description of the graduate programs, consult the **Graduate Bulletin.**

Through these diversified degree programs the department serves a dual role, providing saleable skills to students who desire a career in industry, and training teachers of industrial subjects.

REQUIREMENTS FOR A MAJOR IN INDUSTRIAL MECHANICS

(Non-Teaching Degree)

A major in Industrial Mechanics provides the student with concentrated study and direct experience with machines, power, materials, and industrial processes. This emphasis, when combined with an appropriate minor or electives, prepares the non-teaching major for a managerial, supervisory, or technical career in industry.

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
Fine Arts (Elective)	3
Fundamentals of Science 104, 105	6
Health and Safety Education 101	3
History 101 or 140	3
Mathematics 101	3
PED, ROTC, AFROTC	2
Psychology 110	3
Political Science 101	3
	32

SOPHOMORE YEAR	SEM. HRS.
Economics 255	3
English (200 level literature courses are recommended)	6
Fundamentals of Science 106, 107	6
History 102 or141	3
Industrial and Vocational lEducation 323, 324	6
Mathematics 103	3
Speech Communication 111	3
Elective	2
	32

JUNIOR YEAR	SEM. HRS.
Economics 301	3
Industrial and Vocational Education 301, 302, 315, 316, 331, 332, 333, 360, 362	27
Management 360	3
	33

SENIOR YEAR	SEM. HRS.
Elective	1
Industrial and Vocational Education 303, 318, 350, 361 or 364, 420 or 421, 482	18
Management 364, 464, 465, 472	12
	31
TOTAL:	128

Although a minor is not required, the program outlined above reflects a minor in industrial management. The student's choice of a minor or electives should be determined by his or her career goals, and in consultation with the chairman of the Department of Industrial and Vocational Education.

REQUIREMENTS FOR A MINOR IN INDUSTRIAL MECHANICS

All students pursuing a minor in this area must complete twenty-four (24) semester hours of IVE courses. Suggested courses to meet this requirement are as follows:

IVE 301, 302, 323, 324 or 350, 331, 333, 360, 362 24

REQUIREMENTS FOR A MAJOR IN INDUSTRIAL ARTS

A major in Industrial Arts prepares the student to teach that phase of secondary education which serves to familiarize junior and senior high school students with their industrial and technological environment.

This program includes the University's graduation requirements and state certification requirements. The student automatically minors in secondary education.

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
Fine Arts (Elective)	3
Fundamentals of Science 104, 105	6
Health and Safety Education 101	3
History 101 or 140	3
Mathematics 101	3
PED, ROTC, or AFROTC	2
Psychology 110	3
Sociology 101	3
	32

SOPHOMORE YEAR	SEM. HRS.
Educational Psychology 372, 374	6
English (200 level literature courses are recommended)	6
Fundamentals of Science 106, 107	6
History 102 or 141	3
Industrial and Vocational Education 323, 324 or 350	6
Political Science 101	3
Speech Communication 111	3
	33

JUNIOR YEAR	SEM. HRS.
Curriculum and Instruction: CIS 422	3
Industrial and Vocational Education 116, 301, 302, 331, 332, 333, 360, 362	24
	36

SENIOR YEAR	SEM. HRS.
Curriculum and Instruction: CIS 310, 313, 453, 483	18
Industrial and Vocational Education 315, 316, 361 or 364, 401, 480	15
Research and Foundations 400, 469	6
Special Education 400	3
	33

REQUIREMENTS FOR A MINOR IN INDUSTRIAL ARTS

All students pursuing a minor in this area must complete thirty (30) hours in the following IVE courses:

	Hours
IVE 116, 301, 302, 323, 324, or 350 331, 333, 360, 362, or 361, 401	30

REQUIREMENTS FOR A MAJOR IN INDUSTRIAL AND VOCATIONAL EDUCATION

A major in Industrial and Vocational Education, with an emphasis in one of the following areas, prepares the student to teach a previously acquired vocational or technical skill at the secondary or post-secondary level. A minimum of two years' work experience in a trade or technical area is required for state certification.

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
Fine Arts (Elective)	3
Fundamentals of Science 104, 105	6
Health and Safety Education 101	3
History 101 or 140	3
Mathematics 101	3
PED, ROTC, AFROTC	2
Psychology 110	3
Sociology 101	3
	32

SOPHOMORE YEAR	SEM. HRS.
English (200 level literature courses are recommended)	6
Fundamentals of Science 106, 107	6
History 102 or 141	3
Industrial and Vocational Education Skill Courses	12
Political Science 101	3
Speech Communication 111	3
	33

Secondary Trade and Industrial Emphasis

JUNIOR YEAR	SEM. HRS.
Curriculum and Instruction: CIS 310, 422	6
Educational Psychology 372	3
Industrial and Vocational Education Skill Courses	12
Industrial and Vocational Education 431, 401, 403, 436	12
Research and Foundations 400	3
	36

SENIOR YEAR	SEM. HRS.
Curriculum and Instruction: CIS 313, 480	12
Educational Psychology 374	3
Industrial and Vocational Education 435, 480, 481, 482	12
Research and Foundations 469	3
Special Education 400	3
	33
TOTAL:	134

Post-Secondary Trade and Industrial Emphasis

JUNIOR YEAR	SEM. HRS.
Adult Education 476	3
Electives	6
Industrial and Vocational Education Skill Courses	12
Industrial and Vocational Education 431, 401, 403, 436	12
	33

SENIOR YEAR	SEM. HRS.
Educational Psychology 374	3
Elective	3
Industrial and Vocational Education 435, 437, 480, 481, 482	15
Industrial and Vocational Education 494 or 495	9
	30
TOTAL:	128

Technical Education Emphasis

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
Fine Arts (Elective)	3
Fundamentals of Science 104, 106	6
Health and Safety Education 101	3
History 101 or 140	3
Mathematics 101, 103	6
PED, ROTC, AFROTC	2
Sociology	3
	32

SOPHOMORE YEAR	SEM. HRS.
English 203, 333	6
History 102 or 141	3
Industrial and Vocational Education Skill Courses	12
Physics (Technical) 105, 106	6
Psychology 110	3
Speech Communication 111	3
	33

JUNIOR YEAR	SEM. HRS.
Adult Education 476	3
Industrial and Vocational Education 323, 324 or 350	6
Industrial and Vocational Education Skill Courses	12
Industrial and Vocational Education 431, 401, 403, 436	12
	33

SENIOR YEAR	SEM. HRS.
Educational Psychology 374	3
Electives	6
Industrial and Vocational Education 435, 437, 480, 481, 482	15
Industrial and Vocational Education 494 or 495	9
	33
TOTAL:	131

DEPARTMENT OF PSYCHOLOGY

James D. Lowe, Jr., Chairman
Hattiesburg, MS 39406-5025
(601) 266-4604

The Department of Psychology offers a full range of courses with emphasis areas in General-Applied Psychology, Pre-Professional Psychology, and Teaching Psychology in High School. A student majoring in Psychology may work toward either a Bachelor of Arts or a Bachelor of Science degree. To complete the Bachelor of Arts degree, a student must complete nine (9) semester hours in a foreign language.

The student wishing to major in Psychology must complete twenty-four (24) semester hours of coursework in the Department of Psychology, in addition to PSY 110. Courses in Educational Psychology (EPY) are taught in the Department of Psychology and may be counted as part of the twenty-four required hours. A minor is not required.

REQUIREMENTS FOR A MAJOR IN PSYCHOLOGY

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
Fundamentals of Science 104, 105	6
Health and Safety Education 101	3
History 101, 102 or 140, 141	6
Physical Education Activity	2
Psychology 110	3
Social Science elective	3
Speech Communication 111	3
	32

SOPHOMORE YEAR	SEM. HRS.
English (200 level or above)	6
Fine Arts	3
Fundamentals of Science 106, 107	6
Mathematics	3
Psychology 310	3
Social Science elective	3
Electives	6
	30

General-Applied Emphasis

JUNIOR YEAR	SEM. HRS.
Psychology 360, 320	6
Psychology electives	6
Minor	9
Electives	12
	33

SENIOR YEAR	SEM. HRS.
Psychology 418	3
Psychology electives	6
Minor	9
Electives	15
	33
TOTAL:	128

Pre-Professional Emphasis

JUNIOR YEAR	SEM. HRS.
Psychology 360, 320, 422	9
Psychology elective	3
Minor	9
Electives	12
	33

SENIOR YEAR	SEM. HRS.
Psychology 418, 426, 436 or 455	9
Minor	9
Electives	15
	33
TOTAL:	128

**Teaching Psychology Emphasis

JUNIOR YEAR	SEM. HRS.
Educational Psychology 372, 374	6
Psychology 360, 320, 422	9

SENIOR YEAR	SEM. HRS.
Psychology 418, 426, 436 or 455	9
Research and Foundations 469	3

Research and Foundations 400	3	Curriculum and Instruction (Student Teaching)	9
Curriculum and Instruction: CIS313	3	*Electives	12
Curriculum and Instruction (Methods)	3		33
*Electives	9	TOTAL:	128
	33		

*The student is advised to use electives to establish certification in an additional area see Education adviser for guidance.
**Students completing the Secondary Teacher Education Program in Psychology will be required to take the following additional courses as a part of the program:

	Hours
Secondary Education 310 Junior-Senior High School Reading Methods	3
Secondary Education 422 Curriculum Development for Career Education	3
Special Education The Psychology and Education of the Exceptional Child	3
	9

DEPARTMENT OF SCIENCE EDUCATION

Including Fundamentals of Science

Bobby N. Irby, Chairman
Hattiesburg, MS 39406-5087
(601) 266-4739

The Department of Science Education is operated jointly by the College of Science and Technology and the College of Education and Psychology. The facilities are in the College of Science and Technology. Programs in teacher education are in the College of Education and Psychology. Responsibility for the curriculum is shared jointly. Please check this department's offerings in the College of Science and Technology, page 244.

DEPARTMENT OF SPECIAL EDUCATION

James E. Whorton, Chairman
Hattiesburg, MS 39406-5115
(601) 266-5236

The University of Southern Mississippi prepares teachers to teach in several areas of exceptionality. Emphasis areas are available in Mental Retardation and Special Learning Disabilities which lead toward certification in the Educationally Handicapped in the State of Mississippi. All majors are encouraged to seek advice about their program from faculty advisers.

Students wishing to major in Special Education should follow the program outlined below.

REQUIREMENTS FOR A MAJOR IN SPECIAL EDUCATION

(K - 12)

FRESHMAN YEAR	SEM. HRS.	SOPHOMORE YEAR	SEM. HRS.
English 101, 102	6	Educational Psychology 374	3
Fine Arts, AA 100	3	English 200level	6
Fundamentals of Science 104 and 105 or 131 and 132	6	Fundamentals of Science 106 and 107 or 133 and 134	6

Health and Safety Education 1 101	3
History 101 and 102 or 140 and 141	6
Physical Education Activities	2
Psychology 110	3
Speech Communication III	3
	32
Mathematics 101 or 120	3
Research and Foundation 400	3
Social Science Electives	6
Special Education 400, 402, 200	7
	34

Educationally Handicapped

(K - 12)

JUNIOR YEAR	SEM. HRS.
Curriculum and Instruction: CIE 306, 309	6
Educational Psychology 370 or 372	3
Research and Foundation 469	3
Special Education 201, 202, 401, 403, 430, 431, 432, 433, 440	23
	35

SENIOR YEAR	SEM. HRS.
Curriculum and Instruction: CIE 422	3
Physical Education Elective	3
Special Education 411, 450, 451, 470, 481	21
SPE Elective	3
	30
TOTAL:	131

Those students seeking certification in gifted child education should contact the Director of the Center for Gifted Studies.

COLLEGE OF FINE ARTS
ACADEMIC OFFERINGS
1983-1984

Department	Major	Degree**
ART		
	ART*	BA,BFA
	Art Emphasis	
	Drawing and Painting Emphasis	
	Graphic Communication Emphasis	
	Three Dimensional Design Emphasis	
	ART EDUCATION	BFA
MUSIC		
	MUSIC*	BM
	Church Music Emphasis	
	History and Literature Emphasis	
	Jazz Emphasis	
	Music Industry Emphasis	
	Organ Emphasis	
	Percussion Emphasis	
	Piano Emphasis	
	Strings Emphasis	
	Theory-Composition Emphasis	
	Voice Emphasis	
	Wind Instruments Emphasis	
	MUSIC EDUCATION	BME
	Elementary Music Education Emphasis	
	Guitar Music Education Emphasis	
	Instrumental Music Education Emphasis	
	Keyboard Music Education Emphasis	
	Vocal Music Education Emphasis	
THEATRE AND DANCE		
	DANCE*	BFA
	Teacher Certification Emphasis	
	THEATRE*	BFA
	Acting and Directing Emphasis	
	Design and Tech Emphasis	
	Teacher Certification Emphasis	

*Minor Available

**Degree Abbreviations: (BA) Bachelor of Arts, (BFA) Bachelor of Fine Arts, (BM) Bachelor of Music, (BME) Bachelor of Music Education

COLLEGE OF FINE ARTS

John E. Green, Dean
Paul Andersen, Assistant Dean
Hattiesburg, MS 39406-5031
(601) 266-4984

The primary purpose of the College of Fine Arts is to provide its students with a well-rounded preparation for professional and teaching careers in one of the many branches of art, music, dance, or theatre. In addition, it seeks to provide opportunities for students in all departments of the University to participate in artistic activities and develop an awareness of cultural values.

To achieve its purposes, the College of Fine Arts offers courses of study centered around a core of theoretical, historical, and other academic subjects, as well as performance activities that are designed to develop artistic ability and general cultural awareness.

ORGANIZATION

The College of Fine Arts is organized into three departments: Art, Music, and Theatre and Dance. Baccalaureate majors are available in Art, Art Education, Music, Music Education, Dance, and Theatre. Undergraduate minors are available in Art, Dance, Music, and Theatre. An Allied Arts course, which is designed to introduce the arts in an integrated manner, is taught by teams of instructors drawn from each department of the College. This course fulfills the University's core requirements for fine arts.

Since curricular requirements vary for each major, students desiring degrees from the College of Fine Arts should follow the courses outlined under each department.

Students majoring in elementary education who wish to emphasize areas in fine arts, please see "Areas of Concentration for Elementary Certification."

DEPARTMENT OF ART

Hattiesburg, MS 39406-5033
(601) 266-4972

Curricula leading to the degree of Bachelor of Fine Arts are offered in art education, drawing and painting, graphic communication (commercial art), and three-dimensional design. Curricula are also available in art leading to the degree of Bachelor of Arts. Minor programs are available in Art. The recommended art minor consists of nine (9) hours drawing, nine (9) hours design, and nine (9) hours of art history.

Exhibitions on tour and students' exhibitions are arranged and presented by the faculty and student committees. **The National Teachers Examinations are required of all students with an emphasis in Art Education.** The department reserves the right to retain student work for exhibition purposes.

REQUIREMENTS FOR A MAJOR IN ART

All students pursuing a major in art must complete the following requirements.

General Core	Hours
English 101, 102	6
Humanities	9
(Literature, foreign language, history, philosophy, religion: no more than six hours from any one area)	
Mathematics	3
Physical Education or Approved Substitute	2
Science	6
Social Science	9
(Nine hours from the following areas with no more than three hours from any one area: anthropology, economics, geography, psychology, sociology, political science.)	

Professional Requirements

ART 101, 102, 111, 112, 131, 332, 334, Art History Elective	24
ART Electives	9

REQUIREMENTS FOR A MAJOR IN ART

Emphasis: Art

(Bachelor of Arts Degree-BA)

FRESHMAN YEAR	SEM. HRS.
Art 101, 102, 111, 112, 131	15
English 100 or Elective	3
English 101, 102	6
Mathematics	3
Physical Education	2
Science	3
	32

SOPHOMORE YEAR	SEM. HRS.
Art History 332, 334	6
Art Elective	6
Art Sequence I	6
Humanities Core	6
Minor or Elective	9
Science	3
	36

JUNIOR YEAR	SEM. HRS.
Art History Elective	3
Art Sequence I, II	6
Art Elective	6
Foreign Language	6
Humanities Core	3
Minor or Elective	3
Social Science Core	3
	30

SENIOR YEAR	SEM. HRS.
Art Sequence II	6
Foreign Language	3
Minor or Elective	15
Social Science Core	6
	30
TOTAL:	128

REQUIREMENTS FOR A MAJOR IN ART

Emphasis: Art Education

(Bachelor of Fine Arts Degree-BFA)

FRESHMAN YEAR	SEM. HRS.
Art 101, 102, 111, 112	12
English 101, 102	6
Fundamentals of Science 104, 105	6
History 101, 102	6
Physical Education	2
Speech Communication 111	3
	35

SOPHOMORE YEAR	SEM. HRS.
Art 131, 201, 221, 332	12
Art Elective	6
Art Education 309	3
English 203	3
Fundamentals of Science 106	3
Health 101	3
Psychology 110	3
Secondary Education 310	3
	36

JUNIOR YEAR	SEM. HRS.
Art 321, 334, 412, Art History Elective	12
Art Elective	3
Art Education 310	3
Educational Psychology 372	3

SENIOR YEAR	SEM. HRS.
Art 351, 414	6
Art Education 492	3
Educational Psychology 374	3
Research and Foundations 469	3

English Literature	3
Fundamentals of Science 107	3
Mathematics	3
Research and Foundations 400	3
Social Science Core	3
	36

Curriculum and Instruction: CIS 313, 422, 452, 482	18
Special Education 400	3
	36
TOTAL:	143

REQUIREMENTS FOR A MAJOR IN ART

Emphasis: Drawing and Painting

(Bachelor of Fine Arts Degree-BFA)

FRESHMAN YEAR	SEM. HRS.
Art 101, 102, 111, 112, 131, 221	18
English 100 or Elective	3
English 101	3
Mathematics	3
Physical Education	2
Science	3
	32

SOPHOMORE YEAR	SEM. HRS.
Art 201, 202, 321, 322	12
Art History 332, 334	6
English 102	3
Humanities Core	3
Science	3
Social Science Core	6
	33

JUNIOR YEAR	SEM. HRS.
Art 203, 302, 323, 421	12
Art History Elective	3
Art Elective	3
Electives	6
Humanities Core	6
Social Science Core	3
	33

SENIOR YEAR	SEM. HRS.
Art 303, 422, 423, 428	12
Art Electives	6
Electives	12
	30
TOTAL:	128

REQUIREMENTS FOR A MAJOR IN ART,

Emphasis: Graphic Communication

(Bachelor of Fine Arts Degree-BFA)

FRESHMAN YEAR	SEM. HRS.
Art 101, 102, 111, 112, 131	15
English 100 or Elective	3
English 101, 102	6
Mathematics	3
Physical Education	2
Science	3
	32

SOPHOMORE YEAR	SEM. HRS.
Art 201, 202, 311	9
Art 341, 342, 344	9
Art History 332, 334	6
Elective	3
Humanities Core	6
Science	3
	36

JUNIOR YEAR	SEM. HRS.
Art 301, 343, 441	9
Art Electives	6
Art History Elective	3
Electives	6
Humanities Core	3
Social Science Core	3
	30

SENIOR YEAR	SEM. HRS.
Art 442, 443, 448	9
Art Elective	3
Electives	12
Social Science Core	6
	30
TOTAL:	128

REQUIREMENTS FOR A MAJOR IN ART

Emphasis: Three-Dimensional Design

(Bachelor of Fine Arts Degree-BFA)

FRESHMAN YEAR	SEM. HRS.
Art 101, 102, 111, 112, 131	15
English 100 or Elective	3
English 101, 102	6
Mathematics	3
Physical Education	2
Science	3
	32

SOPHOMORE YEAR	SEM. HRS.
Art 201, 202, 351, 352	12
Art History 332, 334	6
Elective	3
Humanities Core	6
Science	3
	30

JUNIOR YEAR	SEM. HRS.
Art 302, 303, 451, 452	12
Art Electives	6
Art History Elective	3
Electives	9
Humanities Core	3
Social Science Core	3
	36

SENIOR YEAR	SEM. HRS.
Art 453, 454, 458	9
Art Elective	3
Electives	12
Social Science Core	6
	30
TOTAL:	128

DEPARTMENT OF MUSIC

Ronald McCreery, Chairman
Hattiesburg, MS 39406-5081
(601) 266-5363

The University of Southern Mississippi Department of Music is a fully accredited member of the National Association of Schools of Music. Requirements are in accordance with the published regulations of this Association.

Students electing to take applied lessons not required for specific degree programs are required to pay an additional fee. (See Table II, Special Fees and Expenses.)

There are two undergraduate majors available to students in the Department of Music, a major in Music or in Music Education. Emphasis areas in music are: Church Music, Jazz, Music History and Literature, Organ, Percussion, Piano, Strings (including Guitar), Theory-Composition, Music Industry, Voice, and Wind Instruments. Music Education emphasis areas are: Instrumental, Keyboard, Vocal, Elementary, and Guitar.

Every music or music education degree requires participation in the same major ensemble for the equivalent of four academic years, exclusive of the student teaching semester. Major performing ensembles are band (excepting summer band), orchestra, and chorus. Jazz lab band satisfies the requirement only for students pursuing the BM degree with emphasis in jazz. For students whose degree plan requires a chorus, assignment to the proper major performing chorus is made by the director of choral activities. The approval of the department chairman must be obtained for any exceptions to the major performing ensemble requirement as stated above. Students who do not have the proper number of terms of registration for the correct major performing ensemble will not be allowed to graduate.

Advisory Auditions and Examinations

Every potential music major is required to perform an advisory audition and take placement examinations in music theory and piano prior to the first term of enrollment as a music major.

Recital Attendance Requirements

Music and Music Education students are required to register for Recital Class (APM 199, 299, 399, or 499), attend the weekly student Recital Hour, and attend a minimum of 6 recitals/concerts each semester.

REQUIREMENTS FOR A MINOR IN MUSIC

The student who wishes to take a Bachelor of Arts or Bachelor of Science degree and minor in music may do so by taking the following distribution of courses:

	Hours
MUS 101, 102, 131, 201, 202	14
MED 331, 332 or 333	3
APM 101, 102, 161, 162 or MED 301	6
Instrumental Elective (other than keyboard)	3
Music Elective	3

REQUIREMENTS FOR A MAJOR IN MUSIC

(Bachelor of Music—BM)

Emphasis; Voice

FRESHMAN YEAR	SEM. HRS.
Applied Music Piano, 161, 162, major performing ensemble, 199	12
English 101, 102	6
Music 101, 101L, 102, 102L, 131, 439	11
Physical Education or approved substitute	2
	31

SOPHOMORE YEAR	SEM. HRS.
Applied Music 201, 202, 261, 262, major performing ensemble, 299	12
Foreign Language	6
Humanities electives	6
Music 201, 201L, 202, 202L, 231, 232	12
	36

JUNIOR YEAR	SEM. HRS.
Applied Music 361, 362, 370, major performing ensemble, 399	9
Foreign Language	6
Music 301, 302, 321 or 322, 440, 441	10
Music Education 331, 333	3
Social Science elective	3
Theatre 341, 342	2
	33

SENIOR YEAR	SEM. HRS.
Applied Music 461, 462, 470, major performing ensemble, 499	9
Mathematics 120	3
Music Education 450, 451	4
Science electives	6
Social Science electives	6
Theatre 447, 448	2
	30
TOTAL:	130

Emphasis: Piano

FRESHMAN YEAR	SEM. HRS.
Applied Music 101, 102, major performing ensemble, 199	8
English 101, 102	6
Humanities electives	6
Mathematics 101 or 120	3
Music 101, 101L, 102, 102L, 131	8
Physical Education or approved substitute	2
	33

SOPHOMORE YEAR	SEM. HRS.
Applied Music 201, 202, major performing ensemble, 299	8
Music 201, 201L, 202, 202L, 231, 232	12
Science electives	6
Social Science electives	6
	32

JUNIOR YEAR	SEM. HRS.
Applied Music 301, 302, 370, 371, 372, 375, 376, major performing ensemble, 399	13
Electives	7
Music 301, 302, 322	6
Music Education 331, 333	3
Social Science elective	3
	32

SENIOR YEAR	SEM. HRS.
Applied Music 401, 402, 470, 475, 476, major performing ensemble, 499	12
Electives	10
Music 442, 443	4
Music Education 301, 452, 453	6
	32
TOTAL:	129

Emphasis: Organ

FRESHMAN YEAR	SEM. HRS.
Applied Music piano, 111, 112, major performing ensemble, 199	12
English 101, 102	6
Humanities electives	6
Music 101, 101L, 102, 102L, 131	8
Physical Education or approved substitute	2
	34

SOPHOMORE YEAR	SEM. HRS.
Applied Music 211, 212, major performing ensemble, 299	8
Foreign Language	6
Music 201, 201L, 202, 202L, 231, 232	12
Science electives	6
	32

JUNIOR YEAR	SEM. HRS.
Applied Music 311, 312, major performing ensemble, 370, 371, 372, 399	11
Mathematics 101 or 120	3
Music 301, 302, 321 or 322, 401, 459, 462	15
Music Education 331, 333	3
	32

SENIOR YEAR	SEM. HRS.
Applied Music 411, 412, 470, major performing ensemble, 499	9
Music 444, 445	4
Music Education 301, 423, 454, 455	9
Social Science electives	9
	31
TOTAL:	129

Emphasis: Strings

FRESHMAN YEAR	SEM. HRS.
Applied Music piano, major instrument, 181, 199	12
English 101, 102	6
Mathematics 120	3
Music 101, 101L, 102, 102L, 131	8
Physical Education or approved substitute	2
	31

SOPHOMORE YEAR	SEM. HRS.
Applied Music major instrument, 281, 299	8
Electives	6
Humanities electives	6
Music 201, 201L, 202, 202L, 231, 232	12
	32

JUNIOR YEAR	SEM. HRS.
Applied Music major instrument, 370, 371, 372, 381, 399	11
Music 301, 302, 321 or 322	6
Music Education 331, 332	3
Science electives	6
Social Science electives	6
	32

SENIOR YEAR	SEM. HRS.
Applied Music major instrument, 470, 471, 472, 481, 499	11
Electives	2
Music 401, 446, 447	7
Music Education 221, 222, 301, 322, 323, 456, 457	10
Social Science elective	3
	33
TOTAL:	128

Emphasis: Wind Instruments

FRESHMAN YEAR	SEM. HRS.
Applied Music piano, major instrument, 181 or 182, 199	12
English 101, 102	6
Mathematics 120	3
Music 101, 101L, 102, 102L, 131	8
Physical Education or approved substitute	2
	31

SOPHOMORE YEAR	SEM. HRS.
Applied Music major instrument, 281 or 282, 299	8
Humanities electives	6
Music 201, 201L, 202, 202L, 231, 232	12
Music Education 221	1
Social Science electives	6
	33

JUNIOR YEAR	SEM. HRS.
Applied Music major instrument, 370, 371, 372, 381 or 382, 399	11
Elective	3
Music 301, 302, 321 or 322	6
Music Education 331, 332, 421, 425	5
Science electives	6
	31

SENIOR YEAR	SEM. HRS.
Applied Music major instrument, 470, 471, 472, 481 or 482, 499	11
Elective	6
Music 401, 446, 447	7
Music Education 301, 458, 459	6
Social Science elective	3
	33
TOTAL:	128

Emphasis: Percussion

FRESHMAN YEAR	SEM. HRS.
Applied Music piano, 156, 157, 181 or 182, 199	12
English 101, 102	6
Mathematics 120	3
Music 101, 101L, 102, 102L, 131	8
Physical Education or approved substitute	2
	31

SOPHOMORE YEAR	SEM. HRS.
Applied Music 256, 257, 281 or 282, 299	8
Electives	6
Humanities electives	6
Music 201, 201L, 202, 202L, 231, 232	12
	32

JUNIOR YEAR	SEM. HRS.
Applied Music 356, 357, 370, 371, 372, 381 or 382, 399	11
Music 301, 302, 322	6
Music Education 331, 332	3
Science electives	6
Social Science electives	6
	32

SENIOR YEAR	SEM. HRS.
Applied Music 456, 457, 470, 471, 472, 481 or 482, 499	11
Electives	3
Music 401, 446, 447	7
Music Education 301, 321, 322, 323, 458, 459	9
Social Science elective	3
	33
TOTAL:	128

Emphasis: Jazz

FRESHMAN YEAR	SEM. HRS.
Applied Music major instrument, piano, 184, 199	10
English 101, 102	6

SOPHOMORE YEAR	SEM. HRS.
Applied Music major instrument, 284, 299	6
Mathematics 120	3

Humanities elective	6
Music 101, 101L, 102, 102L, 131	8
Physical Education or approved substitute	2
	32

Music 201, 201L, 202, 202L, 231, 232	12
Music Education 421, 425	2
Science elective	6
Social Science elective	3
	32

JUNIOR YEAR	SEM. HRS.
Applied Music major instrument, 384, 399	8
Music 322, 360, 367, 375, 376, 401, 467, 470	17
Social Science elective	6
	31

SENIOR YEAR	SEM. HRS.
Applied Music major instrument, minor instrument, 484, 499	12
Electives	6
Music 301, 302, 475, 476	8
Music Education 331, 332, 428	4
Music History elective	3
	33
TOTAL:	128

Emphasis: Church Music

The curriculum in Church Music is designed to provide a thorough and complete course of training for those who intend to pursue church music as a full-time profession. Special emphasis is placed on literature to be used in the church services. Students will not be enrolled for organ until satisfactory proficiency at the piano has been demonstrated.

FRESHMAN YEAR	SEM. HRS.
Applied Music major instrument (organ, piano, or voice), major performing ensemble, 199	6
English 101, 102	6
Humanities electives	6
Music 101, 101L, 102, 102L, 131	8
Physical Education or approved substitute	2
Science elective	6
	34

SOPHOMORE YEAR	SEM. HRS.
Applied Music major instrument, minor instrument, major performing ensemble, 299	10
Mathematics 120	3
Music 201, 201L, 202, 202L, 231, 232	12
Religion electives	6
	31

JUNIOR YEAR	SEM. HRS.
Applied Music major instrument, major performing ensemble, 399	8
Music 301, 302, 321 or 322, 351, 459, 462	15
Music Education 311, 312, 423	9
	32

SENIOR YEAR	SEM. HRS.
Applied Music major instrument, major performing ensemble, 470 (may be waived if student takes 3 additional hours in his applied area), 499	9
Music 401, 448, 449	7
Music Education 331, 332, 450	5
Social Science electives	9
Theatre 341	1
	31
TOTAL:	128

Emphasis: Music TheoryComposition

This emphasis is designed to prepare the student for teaching theory and composition and writing and arranging music of serious intent. Various steps in the preparation of music from the preliminary sketch to the published composition are included. The student will become familiar with the Music-writer, Vari-Typer, diazo-printing, offset-printing, copyright law, and the sale, distribution, and promotion of published music.

FRESHMAN YEAR	SEM. HRS.
Applied Music piano, elective, major performing ensemble, 199	10
English 101, 102	6
Foreign Language	6
Music 101, 101L, 102, 102L, 131	8
Physical Education or approved substitute	2
	32

SOPHOMORE YEAR	SEM. HRS.
Applied Music elective, major performing ensemble, 291, 292, 299	10
Computer Science 100	3
Mathematics 120	3
Music 201, 201L, 202, 202L, 231, 232, 321, 322	16
	32

JUNIOR YEAR	SEM. HRS.
Applied Music elective, major performing ensemble, 391, 392, 399	12
Music 301, 302	4
Music Education 321, 322, 323, 331, 332	6
Science electives	6
Social Science electives	6
	34

SENIOR YEAR	SEM. HRS.
Applied Music elective, major performing ensemble, 491, 492, 499	12
Electives	4
Music 401	3
Music History-Literature electives	6
Music Theory elective	2
Social Science elective	3
	30
TOTAL:	128

Emphasis: Music History and Literature

The curriculum in Music History and Literature is planned for those who intend ultimately to teach musicology on the college level, or for those who desire careers in music librarianship, music journalism, music publishing, or the recording industry—fields in which a wide and comprehensive knowledge of music history and literature is essential.

The student in music history and literature will receive a strong foundation not only in his chosen field but also in theory and in academic subjects which will enrich the student's cultural background.

Participation in *Collegium Musicum* is required for music history and literature majors. Any exception must be cleared by the chairman of the Music Department.

FRESHMAN YEAR	SEM. HRS.
Applied Music piano, major instrument, major performing ensemble, 199	10
English 101, 102	6
Foreign Language	6
Mathematics 120	3
Music 101, 101L, 102, 102L, 131	8
Physical Education or approved substitute	2
	35

SOPHOMORE YEAR	SEM. HRS.
Applied Music major instrument, major performing ensemble, 299	6
Foreign Language	6
History 101, 102	6
Music 201, 201L, 202, 202L, 231, 232	12
Social Science electives	6
	36

JUNIOR YEAR	SEM. HRS.
Applied Music major instrument, major performing ensemble, 385, 391, 399	12
Music 301, 302, 321, 322	8
Music Education 331, 332 or 333	3
Music History-Literature electives*	6

SENIOR YEAR	SEM. HRS.
Applied Music major instrument, major performing ensemble, 485, 499	10
Music 401	3
Music History-Literature electives*	12
Science elective	3

Science elective	3	Social Science elective	3
	32		31

*Music History-Literature electives to be selected from the following courses:
Music 352, 432, 433, 434, 435, 436, 437, 450, 451, 462

TOTAL: 134

Emphasis: Music Industry

The general aim of the Music Industry degree program, leading to the Bachelor of Music degree (with an emphasis in Music Industry) is to prepare properly qualified personnel for positions in all areas of the music industry at every level, including that of top management. In order to accomplish this within the usual four-year undergraduate university program, the course schedule has been carefully structured to include a representative selection of basic courses in general education, music, and business, together with the major courses in Music Industry, whose purpose is to relate the individual music and business courses to each other, and, at the same time, prepare the student to make a reasonable and informed choice as to his or her particular career in a specific area of the music industry.

FRESHMAN YEAR	SEM. HRS.
Applied Music Ensemble, Major Instrument, 199	4
English 101, 102	6
Humanities elective	3
Mathematics 101 or 120	3
Music 101, 101L, 102, 102L, 103, 105, 131	11
Music Education 101, 102, 221	5
Physical Education	2
	34

SOPHOMORE YEAR	SEM. HRS.
Applied Music Ensemble, Major Instrument, 299	6
Humanities elective	2
Music 201, 201L, 202, 202L, 205, 231, 232	14
Music Education 219	1
Psychology 110	3
Science elective	6
Social Science elective	3
	36

JUNIOR YEAR	SEM. HRS.
Accounting 201, 202	6
Applied Music Ensemble, Major Instrument, 399	6
Economics 255, 256	6
Elective (Music or Music Ed.)	6
Music 301, 302, 303, 304	10
Music Education 331	1
Theatre Arts 410	2
Speech Communication 320	3
	37
Internship	9

SENIOR YEAR	SEM. HRS.
Applied Music Ensemble, Major Instrument, 499	6
Business electives	6
General Business Administration 295	3
Management 360	3
Marketing 300, 355	6
Music 405	2
Music Education 421, 425, 428	3
	32
TOTAL:	148

REQUIREMENTS FOR A MAJOR IN MUSIC EDUCATION

(Bachelor of Music Education—BME)

The curricula in music education are designed to prepare musicians who will teach in the public or private schools, or teach privately. The emphases listed below are designed to provide a balance between music performance, music pedagogy, and general education. These curricula are fully certified by the National Association of Schools of Music, and they satisfy teacher certification requirements.

Certain forms and one major examination are required for completion of all degrees in Music Education. A timetable for the student's completion of these forms is given below.

1. At the beginning of the junior year, the Program Plan-Teaching Form is to be completed (see Teacher Education Program for specific instructions).

2. Six months in advance of the student teaching semester, the Application for Student Teaching is due (see Teacher Education Program for specific instructions). Students should contact the Music Education supervisor of student teachers at the beginning of their junior year regarding practice teaching assignments.
3. At least two semesters before degree requirements are completed, the Application for Degree must be filed (see Teacher Education Program for specific instructions).
4. During the senior year the **National Teacher Examinations** (NTE) should be taken.

Guidelines for completing the above-mentioned forms and examinations may be obtained at the office of the Coordinator of Undergraduate Studies.

Emphasis: Instrumental Music Education

FRESHMAN YEAR	SEM. HRS.
Applied Music Major Instrument, Ensemble, 199	4
English 101, 102	6
Health Education 101	3
History 101, 102 or 140, 141	6
Mathematics	3
Music 101, 101L, 102, 102L, 131	8
Music Education 101, 102	4
Physical Education or substitute	2
	36

SOPHOMORE YEAR	SEM. HRS.
Applied Music Major Instrument, Ensemble 299	6
English (200 level literature courses are recommended)	6
Fundamentals of Science 104, 105	6
Music 201, 201L, 202, 202L, 231, 232	12
Music Education 211*, 222*	2
Psychology 110	3
Speech Communication 111	3
	38

JUNIOR YEAR	SEM. HRS.
Applied Music Major Instrument, Ensemble, 399	6
Educational Psychology 372, 374	6
Fundamentals of Science 106, 107	6
Music 301, 302	4
Music Education 311, 312, 331, 332, 301, 421*, 422*	13
Political Science 101	3
	38

SENIOR YEAR	SEM. HRS.
Applied Music Major Instrument, Ensemble, 499	3
Curriculum and Instruction: CIS 310, 313, 422, 493	18
Music 401	3
Music Education 412, 425*, 426*, 427*, 428*,	7
Special Education 400	3
	34
TOTAL:	146

*In each area, one hour of applied study on an appropriate instrument may be substituted for class instruction.

Emphasis: Keyboard Music Education

FRESHMAN YEAR	SEM. HRS.
Applied Music Ensemble, 101, 102, 161, 199	8
English 101, 102	6
Health Education 101	3
History 101, 102 or 140, 141	6
Mathematics	3
Music 101, 101L, 102, 102L, 131	8
Music Education 301	2
Physical Education or substitute	2
	38

SOPHOMORE YEAR	SEM. HRS.
Applied Music Ensemble, 201, 202, 162, 299	8
English (200 level literature couurses are recommended)	6
Fundamentals of Science 104, 105	6
Music 201, 201L, 202, 202L,231, 232	12
Music Education 450	2
Psychology 110	3
	37

JUNIOR YEAR	SEM. HRS.
Applied Music Ensemble, 301, 302, 399	6
Education Psychology 370 or 372, 374	6
Fundamentals of Science 106, 107	6
Music 301, 302	4
Music Education 311, 312, 331, 333	9
Speech Communication 111	3
Theatre Arts 341	1
	35

SENIOR YEAR	SEM. HRS.
Applied Music Ensemble, 401, 499	3
Curriculum and Instruction: CIS 310, 313, 422, 493	18
Music Education 321, 322, 323 (select two), 411, 452	7
Political Science 101	3
Special Education 400	3
	34
TOTAL:	144

Emphasis: Vocal Music Education

FRESHMAN YEAR	SEM. HRS.
Applied Music Ensemble, 101, 102, 161, 162, 199	10
English 101, 102	6
Health Education 101	3
History 101, 102 or 140, 141	6
Mathematics	3
Music 101, 101L, 102, 102L, 131	8
Physical Education or substitute	2
	38

SOPHOMORE YEAR	SEM. HRS.
Applied Music Ensemble, 201, 202, 261, 262, 299	10
English (200 level literature courses are recommended)	6
Fundamentals of Science 104, 105	6
Music 201, 201L, 202, 202L,231, 232	12
Psychology 110	3
	37

JUNIOR YEAR	SEM. HRS.
Applied Music Ensemble, 361, 362, 399	6
Education Psychology 372, 374	6
Fundamentals of Science 106, 107	6
Music 301, 302	4
Music Education 311, 312, 331, 333	9
Speech Communication 111	3
Theatre Arts 341, 342	2
	36

SENIOR YEAR	SEM. HRS.
Applied Music Ensemble, 461, 499	3
Curriculum and Instruction: CIS 310, 313, 422, 493	18
Music Education 321, 322, 323 (select two), 411, 450	7
Political Science 101	3
Special Education 400	3
	34
TOTAL:	145

Emphasis: Guitar Music Education

FRESHMAN YEAR	SEM. HRS.
Applied Music Ensemble, 161, 167, 168, 199	5
English 101, 102	6
Health Safety Education 101	3
History 101, 102 or 140, 141	6
Mathematics 101 or 120	3
Music 101, 101L, 102, 102L, 131	8
Music Education 101, 102, 301	6
	37

SOPHOMORE YEAR	SEM. HRS.
Applied Music Ensemble, 162, 201, 202, 267, 268, 299	9
English (200 level literature courses are recommended)	6
Fundamentals of Science 104, 105	6
Music 201, 201L, 202, 202L, 231, 232	12
Music Education 321, 322, 323 (select two), 450*	4
Physical Education or substitute	1
	38

*May substitute two hours of private voice.

JUNIOR YEAR	SEM. HRS.
Applied Music Ensemble, 367, 368, 399	6
Educational Psychology 372, 374	6
Fundamentals of Science 106, 107	6
Music 301, 302	4
Music Education 311, 312, 331, 332 or 333	9
Psychology 110	3
Speech Communication 111	3
Physical Education or substitute	1
	38

SENIOR YEAR	SEM. HRS.
Applied Music Ensemble, 467, 499	3
Curriculum and Instruction: CIS 310, 313, 422, 493	18
Music 401	3
Music Education 411 or 412	3
Political Science 101	3
Special Education 400	3
	33
TOTAL:	146

Emphasis: Elementary Music Education

Students wishing to become Elementary School Music Specialists should follow the curriculum for Instrumental, Keyboard, Guitar, or Vocal Emphasis with the following exception: MED 440 should replace MED 411 or 412 and Music 456 should be added.

DEPARTMENT OF THEATRE AND DANCE

I. Blaine Quarnstrom, Chairman
Hattiesburg, MS 39406-5052
(601) 266-4994

The Department of Theatre and Dance offers major and minor degree programs in both areas. These are the only programs in the state offered in a fine arts college. Both programs provide the student with sound theory and intensive practical training and, in addition, opportunities for extensive performance experiences and exposure to visiting professional artists.

For information concerning Master of Arts and Master of Fine Arts degrees consult the **Graduate Bulletin.**

REQUIREMENTS FOR A MAJOR IN THEATRE

Students seeking a Bachelor of Fine Arts Degree in Theatre must complete the following:

Emphasis: General Theatre

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
Mathematics 120	3
Physical Education*	2
Social Science Core Electives	3
Theatre 103, 111, 115, 120	16
	30

SOPHOMORE YEAR	SEM. HRS.
Humanities Core Electives	6
Science Core Electives	6
Theatre 200, 201	10
Theatre Electives**	4
Minor Electives	8
	32

JUNIOR YEAR	SEM. HRS.
Social Science Core Elective	6
Theatre 306, 320, 489L	10
Theatre Electives**	6
Minor Electives	12
	34

SENIOR YEAR	SEM. HRS.
Theatre 427, 428, 429, 489L	11
Theatre Electives**	6
Minor Electives	10
Free Electives	5
	32
TOTAL:	128

Emphasis: Acting and Directing

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
Mathematics 120	3
Physical Education*	2
Social Science Core Electives	3
Theatre 103, 111, 115, 120	16
	30

SOPHOMORE YEAR	SEM. HRS.
Humanities Core Electives	6
Science Core Electives	6
Theatre 200, 201, 215, 304	16
Theatre Electives**	7
	35
TOTAL:	128

JUNIOR YEAR	SEM. HRS.
Social Science Core Elective	6
Theatre 306, 310, 315, 320, 483L, 489L	20
Theatre Electives**	6
Free Electives	3
	35

SENIOR YEAR	SEM. HRS.
Theatre 427, 428, 429, 483L, 489L	15
Theatre Electives**	12
Free Electives	8
	35

Emphasis: Design and Technical

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
Mathematics 120	3
Physical Education*	2
Social Science Core Electives	6
Science Core Electives	3
Theatre 103, 120	10
	30

SOPHOMORE YEAR	SEM. HRS.
Social Science Core Electives	3
Science Core Electives	3
Humanities Core Electives	6
Theatre 200, 201, 304	13
Theatre Electives**	9
	34

JUNIOR YEAR	SEM. HRS.
Theatre 306, 320, 401, 406, 410 483L, 489L	23
Theatre Electives**	6
Free Electives	6
	35

SENIOR YEAR	SEM. HRS.
Theatre 412, 427, 428, 429, 450 483L, 489L	18
Theatre Electives**	12
Free Electives	6
	36
TOTAL:	135

*Each of the following theatre courses may be substituted for one hour of the General Core Physical Education requirement: THE 105, 106, 150, 250.

**Theatre electives should be chosen from the following groups, depending on your area of emphasis.

A. Theatre (Acting): 111, 115, 215, 310, 315, 411, 414, 417, RTF 474
B. Dance/Movement: DAN 105 or 350, 106, or 453, 150 or 152, 250 or 252, 353, 468, 253; THE 240, 361
C. Theatre (Directing): 301, 414, 415, 420, 480, 459, REF 474
D. Theatre (Costume and Makeup Design): 401, 412, 445, 450, 451, 460, 461
E. Theatre (Scenery and Lighting Design): 406, 410, 412, 435, 445, 450, 451
F. Theatre (Dramatic Literature): THE 416, ENG 417, ENG 454, ENG 455, ENG 472, RTF 442, RTF 472

NOTE: For other possible groups, see your Adviser.

REQUIREMENTS FOR A MINOR IN THEATRE

Students pursuing a minor in Theatre should complete the following twenty-four (24) semester hours of theatre courses:

THE 103, 120, 200, 320, plus six (6) hours of theatre electives.

Requirements for Teacher Certification

The Theatre major desiring Teacher Certification must complete the following:

FRESHMAN YEAR	SEM. HRS.
Allied Arts 100	3
English 101, 102, 203	9
Fundamentals of Science 104, 105	6
Physical Education	2
Social Science Elective	3
Theatre 103, 111, 120, 115	16
	39

SOPHOMORE YEAR	SEM. HRS.
English 350, 370	6
Fundamentals of Science 106, 107	6
History 101 and 102 or 140 and 141	6
Mathematics 101 or 120	3
Psychology 110	3
Research and Foundations 400	3
Theatre 200, 201	10
	37

JUNIOR YEAR	SEM. HRS.
Educational Psychology 372, 374	6
English 401, 454 or 455	6
Health 101	3
Speech Communication 111	3
Research and Foundations 416	3
Curriculum and Instruction: CIS 310	3
Theatre 306, 320 427, 428	14
	38

SENIOR YEAR	SEM. HRS.
English 417, 472	6
Research and Foundations 469	3
Curriculum and Instruction: CIS 313, 422, 454, 484	18
Speech or Theatre Electives	4
Theatre 429	3
Special Education 400	3
	37
TOTAL:	140

REQUIREMENTS FOR A MAJOR IN DANCE

Students seeking the Bachelor of Fine Arts Degree in Dance must complete the following:

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
Humanities Core Electives	6
Social Science Core Elective	3
Dance 111 or 120	3
Dance 152	6
Dance 252	6
Dance 107	3
	33

SOPHOMORE YEAR	SEM. HRS.
Biology 220	3
Biology Laboratory 220	1
Mathematics 120	3
Music 365	3
Social Science Core Elective	3
Dance 259, 354	4
Dance 258	6
Dance 352	6
Dance 254	2
	31

JUNIOR YEAR	SEM. HRS.
Biology 221	3
Biology Laboratory 221	1
Social Science Core Elective	3
Dance 253, 354, 359, 440, 462, 463	15
Dance 358	6
Dance Electives	4
Theatre 412	3
	35

SENIOR YEAR	SEM. HRS.
Physical Education 301	3
Dance 354, 464, 465, 466, 467, 470	18
Dance 458	6
Dance Electives	6
	33
TOTAL:	132

REQUIREMENTS FOR A MINOR IN DANCE

Students pursuing a minor in Dance must complete the following twenty-five semester hours of courses:

DAN 252, 253, 259, 463, 464, plus six (6) hours of Modern Dance Technique (major level), and five (5) hours of major level dance electives from the following: DAN 107, 254, 353.

Requirements for Teacher Certification

The Dance major desiring Teacher Certification must complete the following:

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
Fundamentals of Science 104, 105	6
History 101, 102	6
Psychology 110	3
Dance 152	6
Dance 252	6
Dance 107	3
Educational Psychology 372	3
	39

SOPHOMORE YEAR	SEM. HRS.
Biology 220, 221	6
Biology 220L, 221L	2
English 204 or 334	3
Health 101	3
Mathematics 120	3
Social Science Core Elective	3
Dance 259, 354	4
Dance 258	6
Dance 352	6
Dance 254, MED 361, or MUS 365	2 or 3
	38 or 39

JUNIOR YEAR	SEM. HRS.
Music 365	3
Curriculum and Instruction: CIS 313	3
Social Science Core Elective	3
Special Education 400	3
Dance 253, 354, 359, 440, 462, 463	15
Dance 358	6
Theatre 111, 412	6
Educational Psychology 374	3
	42

SENIOR YEAR	SEM. HRS.
Physical Education 301	3
Secondary Education 422	3
Student Teaching	9
Dance 354, 464, 465, 466, 467, 470	18
English 203	3
Research and Foundations 469	3
Curriculum and Instruction CIS 310	3
	42

TOTAL: 161 or 162

SCHOOL OF HEALTH, PHYSICAL EDUCATION, AND RECREATION

ACADEMIC OFFERINGS

1983-1984

Department	Major	Degree**
ATHLETIC ADMINISTRATION AND COACHING		
	ATHLETIC ADMINISTRATION AND COACHING*	BS
	Teaching and Coaching Emphasis	
	Non-Teaching Emphasis	
	Athletic Training/Teaching Emphasis	
	Athletic Training/Non-Teaching Emphasis	
HEALTH AND SAFETY EDUCATION		
	HEALTH EDUCATION*	BS
	Community Health Education Emphasis	
	School Health Education Emphasis	
	School Health and Safety Education Emphasis	
PHYSICAL EDUCATION		
	PHYSICAL EDUCATION*	BS
	Professional Physical Education Emphasis	
	Teacher Certification (PED) Emphasis	
RECREATION		
	RECREATION*	BS
	Community and Municipal Recreation Emphasis	
	Leisure Studies Emphasis	
	Recreation Planning and Resource Management Emphasis	
	Therapeutic Recreation, Non-Certification Emphasis	
	Therapeutic Recreation, Teaching Certification Emphasis	

*Minor Available
**Degree Abbreviation: (BS) Bachelor of Science

SCHOOL OF HEALTH, PHYSICAL EDUCATION, AND RECREATION

Walter E. Cooper, Dean
Hattiesburg, MS 39406-5142
(601) 266-5386

PURPOSE

The primary purpose of the School of Health, Physical Education, and Recreation is to educate future leaders in the fields of athletic administration and coaching, health, physical education, and recreation. The School is also responsible for coordinating the required physical education activity program and the intramural recreation sports program for the University.

ORGANIZATION

The Dean's Office in the School is the major administrative component. This office includes the Dean, Graduate Coordinator, and an Undergraduate Coordinator Assistant. There are five departments: Athletic Administration and Coaching, Health and Safety Education, Physical Education, Recreation, and Intramural Recreational Sports.

Each department has a chairman, and the various programs and/or projects within departments have coordinators or directors. These departments offer the Bachelor of Science degree in the respective majors and coordinate teaching certification through the College of Education and Psychology. Career non-teaching programs are also available within each department.

Consult the **Graduate Bulletin** for graduate program information.

REQUIREMENTS

Any student who satisfies admission requirements to the University through the Office of Admissions is eligible for admission to the School of Health, Physical Education, and Recreation. Admission to the School, however, does not constitute admission to a major program. Major program admission is completed when a completed program plan is on file in the Dean's Office, School of Health, Physical Education, and Recreation.

COMMON REQUIREMENTS FOR A MAJOR IN SCHOOL OF HEALTH, PHYSICAL EDUCATION, AND RECREATION

The following School of HPER Core satisfies the requirements of the University General Core Curriculum and is required of all students majoring within the School who seek teacher certification.*

*Non-teaching majors have some options in the School of HPER core as designated by the specific major department.

	Hours
Curriculum and Instruction—Secondary 422	3
English 101, 102 and two other English courses 200 level or above	12
History 101 and 102, or 140 and 141	6
Health and Safety Education 101, 311	6
Humanities and Fine Arts	3
Elect one course from the following for 3 hours: art, music, drama, dance, or theatre	
Mathematics	3

Physical Education (activity)*	3
Psychology 110	3
Speech Communication 111	3
Science	12
Biological Science--6 hours	
Physical Science--6 hours	
(The Fundamentals of Science series satisfies this requirement)	
Special Education 400	3
Social Sciences	6
Elect two courses from the following for 6 hours: anthropology, economics, geography, political science, and sociology	
	63

*The physical education activity requirement is coordinated by the Chairman of the Department of Physical Education and may be satisfied by successfully completing the following options: ROTC/AFROTC, varsity athletics, Marching Band, Dixie Darlings, cheerleaders, or Pom-Pon Girls.

Students in a non-teaching curriculum will continue to use the General Core Curriculum.

Departments also have additional specific course requirements which must be completed. In order to qualify for a degree within the School of Health, Pysical Education, and Recreation, students must complete all requirements in the program of their choice as specified in this catalog and outlined in their approved program plan.

Teaching Certification

Students desiring teaching certification must also file a program plan with the College of Education and Psychology.

Academic Probation

Students must maintain the academic standards, as stipulated in the Academic Requirements section of this **Bulletin**, to assure readmission. Academic probation requires the dean's approval prior to readmission.

Waiver of Substitution of Major Requirements

Any waiver or substitution of major requirements must be approved by the appropriate department chairman and the Dean of the School.

DEPARTMENT OF ATHLETIC ADMINISTRATION AND COACHING

Billy B. Slay, Chairman
Hattiesburg, MS 39406-5105
(601) 266-5370

The Department of Athletic Administration and Coaching offers a major in Athletic Administration and Coaching leading to the Bachelor of Science degree; a minor program; and specialization programs in aquatics, athletic training, minor sports, and officiating competitive athletics.

The objectives of the Department of Athletic Administration and Coaching are as follows:

1. To prepare athletic administrators and coaches for careers in the total educational environment.
2. To prepare students majoring in athletic administration and coaching for non-teaching careers.

3. To provide a minor in athletic administration and coaching for students majoring in other academic disciplines.

4. To provide each student the opportunity to specialize for certification in the areas of aquatics, athletic training, minor sports, and officiating competitive sports.

PROFESSIONAL DEGREE (TEACHING AND COACHING)

The purpose of this program is to provide professional training for teachers who will administer and coach athletics in addition to their teaching responsibilities. The program requires a total of thirty (30) semester hours in athletic administration and coaching. Students must also complete their professional requirements for secondary education and the general education requirements for secondary teachers. Teaching certification will be in the area selected by each student in conference with his adviser.

REQUIREMENTS FOR A MAJOR IN ATHLETIC ADMINISTRATION AND COACHING

Emphasis: Teaching and Coaching

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
Health and Safety Education 101	3
History 101 and 102, or 140 and 141	6
Mathematics	3
Physical Education (activity)*	1
Science	6
Biological Science3 hours	
Physical Science3 hours	
(The Fundaments of Science series satisfies this requirement)	
Social Sciences	6
Elect two courses from the following for 6 hours (not more than 3 hours from any area): anthropology, economics, geography, political science, and sociology.	
	31

SOPHOMORE YEAR	SEM. HRS.
Athletic Administration and Coaching (AAC) 303	3
AAC Elective	3
English (200 Level or above)	6
Health and Safety Education 311	3
Humanities and Fine Arts	3
Elect one course from the following for 3 hours: literature, fine arts,** religion, foreign language, philosophy.	
Physical Education (activity)*	2
Psychology 110	3
Science	6
Biological Science3 hours	
Physical Science3 hours	
(The Fundamentals of Science series satisfies this requirement)	
Speech Communication 111	3
	32

* The physical education activity requirement may be satisfied by successfully completing the following option: ROTC/AFROTC, varsity athletics, Marching Band, Dixie Darlings, cheerleaders, or Pom-Pon Girls.

** Students seeking teaching certification are required to take this elective in the fine arts area.

JUNIOR YEAR	SEM. HRS.
Athletic Administration and Coaching (AAC) 370	3
AAC 409	3
AAC Electives	9
CIS 310	3
Educational Psychology 372, 374	6
Research and Foundations 400, 469	6
	30

SENIOR YEAR	SEM. HRS.
AAC	6
(Elect from: AAC 300, 420, 470, 471)	
AAC Elective	3
Curriculum and Instruction	3
(Secondary: Special Methods)	
Curriculum and Instruction: CIS 313	3
Curriculum and Instruction	9
(CIS: Student Teaching)	
SPE 400	3
CIS 422	3
	30

Students should consult with their adviser for teaching certification requirements.

Four (4) hours taken from the following courses may be used to satisfy partially the thirty (30) semester hour athletic administration and coaching requirements for the professional (teaching and coaching) degree.

AAC 210, 211, 212, 213, 214, 215, 216, 217, 218

REQUIREMENTS FOR A MAJOR IN ATHLETIC ADMINISTRATION AND COACHING

Emphasis: Athletic Training and Teaching

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
Health and Safety Education	3
History 101 and 102, or 140 and 141	6
Mathematics	3
Science Biology 220 and 221	8
Social Sciences	6
Elect two courses from the following for 6 hours (not more than 3 hours from any area): anthropology, economics, geography, political science, and sociology.	
Physical Education	1
	33

SOPHOMORE YEAR	SEM. HRS.
Athletic Administration and Coaching (AAC) 303	3
AAC 370	3
English (200 level or above)	6
Health and Safety Education 311	3
Fine Arts	3
Physical Education (activity)*	2
Psychology 110	3
Science: FS 104 and 105	6
Speech Communication	3
	32

*The physical education activity requirement may be satisfied by successfully completing the following option: ROTC/LAFROTC, varsity athletics, Marching Band, Dixie Darlings, cheerleaders, or Pom-Pon Girls.

JUNIOR YEAR	SEM. HRS.
Athletic Administration and Coaching (AAC) 371, 373, 476	11
AAC 409	3
Eductional Psychology 372 and 374	6
Physical Education 301 and 402	6
Research and Foundations 400	3
AAC 477	3
	32

SENIOR YEAR	SEM. HRS.
Athletic Administration and Coaching (AAC) 470	3
Food and Nutrition 360	2
AAC 472	3
Curriculum and Instruction—Secondary 310	3
Curriculum and Instruction—Secondary 313	3
Research and Foundations 469	3
Special Education 400	3
Curriculum and Instruction—Secondary 422	3
Curriculum and Instruction—Secondary (Student Teaching)	9
	32

Recommended Courses: AAC 372, 475

Any student seeking NATA certification must complete 2 years practical experience, with a minimum of 800 clock hours over the 2 year period (400 per year minimum) under a certified athletic trainer.

REQUIREMENTS FOR A MAJOR IN ATHLETIC ADMINISTRATION AND COACHING

Emphasis: Athletic Traning and Non-Teaching

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
Physical Education (Activity)*	2
Science Biology 220 and 221	8
Health and Safety Eduction 101, 311	6
Electives	3
Psychology 110	3
AAC 370	3
	31

SOPHOMORE YEAR	SEM. HRS.
Humanities and Fine Arts	6
Six hours from the following areas: literature, allied arts, foreign language, history, philosophy, religion.	
Mathematics	3
Social Science**	6
Six hours from the following areas with no more than three hours from any one area: anthropology, economics, geography, sociology, political science	
AAC 303, 371, 372, 373	10
Food and Nutrition 360	2
Electives	6
	33

*Students are required to take two phsycial eduction activity courses during the freshman year unless excused from the requirement by the University physician or the dean of his/her school or college. Students who complete Military Science I or Aerospace Studies are excused from the physcial education requirement. Those participating in varsity athletics Marching Band, Dixie Darlings, cheerlearders, or Pom-Pon Girls may substitute this for required physical education. Only one physical education course may be taken in any one semester.

**For recommendations and requirements in these areas, the student should consult the introduction to the appropriate degree-granting college or school. Note also that each college or school has additional requirements for its specific core. In addition each degree-granting college or school has its own requirements for a particular degree. These requirements are designed to give the student the necessary preparation for completing a major and are listed in the Colleges and Schools Section.

JUNIOR YEAR	SEM. HRS.
Athletic Administration and Coaching (AAC) 240	3
AAC 300	3
AAC 404	3
AAC 474	2
AAC 476	6
PED 301	3
PED 402	3
Electives	9
	32

SENIOR YEAR	SEM. HRS.
Athletic Administration and Coaching (AAC) 402	3
AAC 409	3
AAC 470	3
AAC 471	3
AAC 472	3
AAC 475	3
AAC 477	3
Electives	12
	33

Any student seeking NATA certification must complete 2 years practical experience, with a minimum of 800 clock hours over the 2 year period (400 per year minimum) under a certified athletic trainer.

PROFESSIONAL DEGREE (Non-Teaching)

The purpose of this program is to provide professional training for students desiring careers in non-teaching areas. Those students pursuing the Non-Teaching Emphasis shall not be required to take the professional teacher education requirements. These additional hours should be used further to enhance competencies in the students' chosen careers.

REQUIREMENTS FOR A MAJOR IN ATHLETIC ADMINISTRATION AND COACHING

Emphasis: Non-Teaching

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
Physical Education (activity)*	2
Science**	6
Social Science**	3
Nine hours from the following areas with no more than three hours from any one area: anthropology, economics, geography, psychology, sociology, political science.	
Electives	15
	32

SOPHOMORE YEAR	SEM. HRS.
Humanities and Fine Arts	6
Six hours from the following areas: literature, allied arts, foreign language, history, philosophy, religion.	
Mathematics	3
Social Science**	6
Nine hours from the following areas with no more than three hours from any one area: anthropology, economics, geography, psychology, sociology, political science.	
Electives	20
	35

* Students are required to take two physical education activity courses during the freshman year unless excused from the requirement by the University physician or the dean of his/her school or college. Students who complete Military Science I or Aerospace Studies are excused from the physical education requirement. Those participating in varsity athletics, Marching Band, Dixie Darlings, cheerleaders, or Pom-Pon Girls may substitute this for required physical education. Only one physical education activity course may be taken in any one semester.

**For recommendations and requirements in these areas, the student should consult the introduction to the appropriate degree-granting college or school. Note also that each college or school has additional requirements for its specific core. In addition each degree-granting college or school has its own requirements for a particular degree. These requirements are designed to give the student the necessary preparation for completing a major and are listed in the Colleges and Schools Section.

JUNIOR YEAR	SEM. HRS.
Athletic Administration and Coaching (AAC) 240	3
AAC 300	3
AAC 303	3
AAC 322 or 323	2
AAC 340	2
AAC 341	2
AAC 360	3
AAC 361	3
AAC 362	2
AAC Electives	9
	32

SENIOR YEAR	SEM. HRS.
AAC 370	3
AAC 409	3
AAC 420	3
AAC 424	3
AAC 425	3
AAC 460	2
AAC 470	3
AAC 471	3
AAC 473	6
	29

Four (4) hours taken from the following courses may be used to satisfy partially the athletic administration and coaching requirement for the professional (non-teaching) emphasis.

AAC 210, 211, 212, 213, 214, 215, 216, 217, 218.

Students desiring certification in Athletic Training may substitute National Athletic Trainers Association (NATA) course requirements for other Athletic Administration and Coaching Specialization Areas.

REQUIREMENTS FOR A MINOR

The purpose of this program is to provide professional training for those students majoring in other academic disciplines. The program requires a total of eighteen (18) semester hours in athletic administration and coaching.

Recommended Courses: AAC 303, 471, 409; elect three (3) hours from AAC 300, 370, 420, or 470.

Select from athletic administration and coaching courses to complete eighteen (18) hours.

SPECIALIZATION AREAS

In addition to the professional program (teaching and coaching), the professional program (non-teaching), and the minor program offered by the Department of Athletic Administration and Coaching, specialization areas are available to each student enrolled in the University. The areas of specialization are as follows:

Aquatics

The purpose of this program is to prepare students to meet American National Red Cross Water Safety Certification Requirements and the requirements as prescribed by the University of Southern Mississippi for certification in aquatic administration.

1. Advanced Life Saving and Water Safety Certificate. Required course: AAC 362.
2. The Water Safety Instructors (WSI) Certificate. Required courses: AAC 362 (Prerequisite) and 460.
3. The Aquatic Administration Certificate. Required courses: AAC 360, 361, 362, and 460.

Athletic Training

The purpose of this program is to prepare students to meet certification requirements of the National Athletic Trainer Association.

Required courses: AAC 370, 371, 373, 409, 472, and 476; FN 360; HSE 101 and 311; BIO 220 and 221; PED 301 and 402; PSY 110, and 800 clock hours of athletic training over a two-year period.

Minor Sports

The purpose of this program is to provide professional training for coaching in minor sports.

Required courses: AAC 340, 341, and 424; elect two (2) hours from AAC 322 or 323.

Officiating

The purpose of this program is to provide professional training in officiating competitive athletics. Required courses: AAC 240, 420, and 425.

ACTIVITY COURSES

The following courses may be taken to satisfy the University core physical education activity requirement.

AAC 210, 211, 212, 213, 214, 215, 216, 217, 218, 362, and 460.

DEPARTMENT OF HEALTH AND SAFETY EDUCATION

S. Eugene Barnes, Chairman
Hattiesburg, MS 39406-5435
(601) 266-5435

The Department of Health and Safety Education offers a major in Health Education. Health Education is an applied science which seeks to bridge the gap between the findings of health-related research and the application of the findings to the daily lives of those who engage its services. Its functions are based on scientific principles, and its processes

employ intellectual, psychological, and social dimensions as it attempts to increase the abilities of people to make informed decisions about matters which affect personal, family, and community well-being.

The department offers the following emphasis areas within the Health Education major.

Requirements for an Emphasis in Community Health Education

This program of studies is designed to prepare students for professional careers in health education positions in volunteer health agencies, special categorical health education programs, private agencies and industries, public health departments, and other governmental agencies and programs. The program requires study in foundations of health science, health education content areas, community organizations and groups, educational theory and methodology, and communications.

FRESHMAN YEAR	SEM. HRS.
Anthropology 212	3
Biology 101	4
English 101, 102	6
Genetics 101	3
Health and Safety Education 101	3
Journalsim 102	3
Mathematics 101	3
Microbiology 101	4
Psychology 110	3
Speech Communication 111	3
	35

SOPHOMORE YEAR	SEM. HRS.
Art 207	3
Biology 220, 221	8
English 300, 333	6
Environmental Science 301	3
Health and Safety Education 210, 311, 321	9
Philosophy 253	3
Physical Education	2
	34

JUNIOR YEAR	SEM. HRS.
Food and Nutrition 360	2
Health and Safety Education 341, 414, 420, 422, 430, 435, 436	21
Management 360	3
Physical Education	1
Psychology 456	3
Sociology 424	3
	33

SENIOR YEAR	SEM. HRS.
Adult Education 476	3
Health and Safety Education 409, 410, 412, 415, 421, 423, 492	21
Physical Education 402	3
Research and Foundations 416	3
Sociology 350	3
	33
TOTAL:	135

Requirements for an Emphasis in School Health Education

Teacher certification regulations in Mississippi, unlike those in most other states, do not provide for separate certification in health education. Mississippi's regulations require dual certification in health and physical education with a major block of course work in physical education and nine (9) semester hours in health education. It is the philosophy of the department that nine (9) hours of professional course work cannot provide one with the competencies required to be an effective teacher. Therefore, an emphasis in school health education has been provided for students who wish to prepare more adequately than is required by certification standards to teach health education. Students who wish to pursue this emphasis as they prepare to become certified as health and physical education teachers may seek advisement in the Department of Health and Safety Education. It should be noted that the program plan for this emphasis will include semester hours of course work in excess of the minimum required for graduation. Students who wish to prepare to become school health educators in states where there is certification for health education can have developed for them a program plan with approximately forty five (45) semester hours of health education course work.

Requirements for Teacher Certification in Safety and Driver Education

This concentration of course work is designed for students who wish to complete the teacher certification requirements to teach driver education in Mississippi schools. Students who wish to pursue the certification are reminded that the twelve semester hours required for certification must be taken in addition to the course work required for the Standard Class A certificate in secondary education.

HSE 341, 440, 443, 445, and one of the following courses:
AAC 370, CJ 200, 305, HSE 311, 441, 442, and 444

Requirements for American National Red Cross Certificates

The department offers the following certificates for the Red Cross:

First Aid

A student who successfully completes HSE 310 (First Aid) will receive the American National Red Cross certificates for:

a. Standard First Aid and Personal Safety
b. Standard Multi-Media First Aid
c. Cardiopulmonary Resuscitation (Optional--students who wish to receive this certificate must complete extra class assignments.)

First Aid Instructor

A student who successfully completes HSE 311 (Emergency Health Care) will receive American National Red Cross certificates for:

a. Advanced First Aid and Emergency Care
b. Standard Multi-Media First Aid
c. Instructor in Standard First Aid and Personal Safety
(Note: The following three certificates are optional and will be awarded to students who successfully complete certain specific extra-class assignments.)
d. Cardiopulmonary Resuscitation
e. Instructor in Standard Multi-Media First Aid
f. Instructor in Cardiopulmonary Resuscitation

DEPARTMENT OF PHYSICAL EDUCATION

J. William Larson, Chairman
Hattiesburg, MS 39406-5034
(601) 266-5377

The Department of Physical Education administers three educational programs designed to meet the following objectives:

1. To prepare physical educators for careers of their choice other than teaching.
2. To prepare physical educators for teaching careers as elementary specialists, secondary specialists, or as corrective therapists.
3. To provide opportunities for the entire University community to develop skills for leisure time usage.

REQUIREMENTS FOR A MAJOR IN PHYSICAL EDUCATION WITHOUT TEACHER CERTIFICATION

This program is designed to train physical educators for careers which do not require state teacher certification. Career opportunities include: industrial health fitness directors, YMCA, YWCA, health spas, municipal recreation, etc.

Electives should be chosen with the aid of an adviser to insure concentrations of experience based upon the student's educational objectives and degree requirements.

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
Humanities and Fine Arts (choose from the following areas: allied arts, foreign languages, history, literature, philosophy, and religion)	6
Mathematics	3
Physical Education (activity)	2
*Science	6
Social Science (9 hours from the following areas with no more than 3 hours from any one area: anthropology, economics, geography, political science, psychology, and sociology	6
Speech Communication 111	3
	32

SOPHOMORE YEAR	SEM. HRS.
Physical Education 105, 146, 147, 220, 303, 320	12
Social Science	3
Electives	18
	33

JUNIOR YEAR	SEM. HRS.
Physical Education 301, 323, 401, 402	12
Electives	18
	30

SENIOR YEAR	SEM. HRS.
Physical Education 420	1-6
Electives	24-32
	33
TOTAL:	128

*Four (4) hours must be Biology 220 and 220-L.

REQUIREMENTS FOR A MAJOR IN PHYSICAL EDUCATION WITH TEACHER CERTIFICATION

This program is designed to train physical educators for public and private schools. In addition to meeting K-12 certification requirements in Mississippi, it is approved by NCATE.

With the aid of an adviser, additional in-depth emphases, such as physical education for the elementary, secondary, or handicapped may be added. Additional certification areas such as driver education, first aid, athletic training, and aquatics are available.

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
History 101 and 102 or 140 and 141	6
Mathematics	3
Physical Education (activity)	3
*Science (biological science)	6
Social Science (elect 3 hours from two of the following areas, anthropology, economics, geography, political science, and sociology	6
	30

SOPHOMORE YEAR	SEM. HRS.
Curriculum and Instruction: CIS 310	3
English (2 courses 200 level or above)	6
Health and Safety Education 101, 311	6
Humanities and Fine Arts (choose from art, dance, music, or theatre)	3
Physical Education Electives	6
Physical Science	6
Psychology 110	3
Speech Communication 111	3
	36

JUNIOR YEAR	SEM. HRS.
Educational Psychology 372, 374	6
Health and Safety Education 410 414, 430	9
Physical Education 105, 146, 147, 284, 301, 303, 314, 323	19
Research and Foundations 400	3
	37

SENIOR YEAR	SEM. HRS.
Physical Education (Block): CIS 462, PED 320, 401	9
Physical Education 310, 326, 402, 420	8
Student Teaching (Block): CIS 491, 422, SPE 400	15
	32
TOTAL:	135

*Four (4) hours must be Biology 220 and 220-L.

REQUIREMENTS FOR A MAJOR IN PHYSICAL EDUCATION WITH CORRECTIVE THERAPY CERTIFICATION

This program is one of only 12 accredited corrective therapy programs in the nation. Career opportunities include: V.A. Centers, convalescent homes, athletic trainers, private practice in conjunction with a physician, etc.

Individuals desiring a major with Corrective Therapy Certification may choose between the non-teacher certification and the teacher certification programs listed above, with the following changes:

Non-Teacher Certification Plan

Substitutions:
1) Science must be Biology 220 and 221
2) Social Science-3 hours must be Psychology 110

Additions:
1) Health and Safety Education 3 hour elective in health problems
2) Physical Education 410, 411
3) Psychology 426, 436
4) Therapy 411, 421, 454, 461, 462, 463, 464, 471, 472, 473, 474

With Teaching Ceritification Plan

Substitutions:
1) Biological Science must be Biology 220 and 221

Additions:
1) Physical Education 220, 410, 411
2) Psychology 426, 436
3) Therapy 411, 421, 454, 461, 462, 463, 464, 471, 472, 473, 474

After completing all course work on the University campus, the student will spend two semesters at the V.A. Centers in Biloxi and Gulfport, Mississippi, completing the applicable therapy courses. (While there, room and meals will be provided.)

With successful completion of the National Corrective Therapy Association Examination, the student will be certified as a Corrective Therapist.

THE UNIVERSITY PHYSICAL EDUCATION SERVICE PROGRAM

This program is designed to contribute to the general education of all students. In the 100-level activity courses students learn the basic skills of life-time sports and fitness which may be applied in the intramural program or during other times of leisure. The upper level service courses are designed to provide in-depth skill development in a particular area of interest.

Courses which may be substituted for the two (2) course physical education core requirements are Athletic Administration and Coaching 210, 211, 213, 214, 215, 362, or 460; Recreation 180, 182, 183, 184, 185, or 186; Dance 105, 106, 150, 250.

DEPARTMENT OF RECREATION

L. Charles Burchell, Chairman
Hattiesburg, MS 39406-5123
(601) 266-5575

The Department of Recreation offers programs in four areas of specialization. All programs require the completion of a series of department or inter-departmental courses and lead to a Bachelor of Science degree with a major in Recreation and concentration in the particular specialization.

Requirements for an Emphasis in Community and Municipal Recreation

This program provides a curriculum for students interested in career work as administrators, supervisors, or leaders with city and county recreation departments and youth-service organizations.

FRESHMAN YEAR	SEM. HRS.
Biology/Science	3
English 101, 102	6
Health Safety Education 101	3
History or Philosophy	3
Mathematics	3
Recommended Elective	3
Recreation 200, 203 2 activities	8
Social Science	3
	32

SOPHOMORE YEAR	SEM. HRS.
Allied Arts 100	3
Biology/Science	3
English 300	3
Health Safety Education 311	3
Speech Communication 111	3
Recommended Elective	3
Recreation 188, 189, 210, 211, 322, 323	10
Sociology	3
	31

JUNIOR YEAR	SEM. HRS.
Accounting 201	3
English 333	3
Management 360	3
Physical Education 284	3
Political Science 310	3
Recommended Elective	3
Recreation 212, 402, 413, 415, 426, 2 activities	13
	31

SENIOR YEAR	SEM. HRS.
Business Education 460	3
Recommended Electives	9
Recreation 424, 434, 436, 443, 1 activity	13
Social Science	3
Sociology 444	3
	31

REC 495 Internship (9 hrs. to be taken in the summer between the junior and senior years)

Requirements for an Emphasis in Recreation Planning and Resource Management

This program provides a curriculum with concentration in the outdoor recreation planning and management aspects of parks and recreation. It has been designed for students who desire career recreation planning and/or management specialities. Such specialists work as park and recreation planners, park managers, park rangers, camp directors, and interpreters. Within this emphasis area there are three options; outdoor recreation, planning and management. Each option has separate requirements of twelve to fourteen hours from inter-departmental offerings.

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
Health Safety Education 101	3
History or Philosophy	3
Mathematics	3
Recommended Elective	3

SOPHOMORE YEAR	SEM. HRS.
Allied Arts 100	3
Biology/Science	3
English 300	3
Health Safety Education 311	3
Speech Communication 111	3

Recreation 200, 203, 2 activities	8
Science/Biology	3
Social Science	3
	32

Recommended Elective	3
Recreation 210, 211, 322, 323, 2 activities	10
Social Science	3
	31

JUNIOR YEAR	SEM. HRS.
English 333	3
Option Area Courses	9
Recommended Electives	3
Recreation 212, 402, 413, 443, 447 2 activities	13
Social Science	3
	31

SENIOR YEAR	SEM. HRS.
Option Area Course	3
Recommended Electives	12
Recreation 415, 417, 434, 436, 441, 1 activity	16
	31

REC 495 Internship (9 hrs. to be taken in the summer between the junior and senior years)

Requirements for an Emphasis in Therapeutic Recreation

This program provides a curriculum for students interested in working as recreational therapists in hospitals, mental and corrective institutions, rehabilitative centers, retirement villages, or in special education centers.

FRESHMAN YEAR	SEM. HRS.
Biology/Science	3
English 101, 102	6
Health Safety Education 101	3
History or Philosophy	3
Mathematics	3
Recommended Elective	3
Recreation 200, 203, 210, 2 activities	9
Social Science	3
	33

SOPHOMORE YEAR	SEM. HRS.
Allied Arts 100	3
Biology/Science	3
English 300	3
Health Safety Education 311	3
Speech Communication 111	3
Recommended Electives	4
Recreation 211, 322, 323, 341 1 activity	13
	32

JUNIOR YEAR	SEM. HRS.
English 333	3
Music Education 361	3
Social Science	6
Physical Education	3
Special Education 440	3
Recreation 212, 350, 402, 410, 411, 413, 2 activities	17
	32

SENIOR YEAR	SEM. HRS.
Physical Education 401, 404	6
Recommended Electives	10
Recreation 415, 443, 451, 452, 2 activities	12
	30

REC 495 Internship (9 hrs. to be taken summer term following the senior year)

An emphasis in Therapeutic Recreation with Teaching Certification which would provide a curriculum for students who desire teacher education and special education is available through special request and adviser counseling. These students will be prepared for teaching assignments in special education in public schools as well as therapeutic recreation in hospitals and insititutions.

Requirements for an Emphasis in Leisure Studies

This option is designed for students who wish to pursue a general recreation education with emphasis in the areas of contemporary leisure values and philosophies. Students in this program may not be required to complete the recreational fieldwork requirement, REC 403, but may option additional course work.

FRESHMAN YEAR	SEM. HRS.
Biology/Science	3
English 101, 102	6
Health Safety Education 101	3
History	3
Mathematics	3
Social Science	3
Recommended Elective	3
Recreation 200, 203	
2 activities	8
	32

SOPHOMORE YEAR	SEM. HRS.
Allied Arts 100	3
Art Education 207	3
Biology/Science	3
English 300	3
Health Safety Education 311	3
Psychology 110	3
Speech Communication 111	3
Recommended Elective	3
Recreation 210, 211, 322, 323,	
2 activities	10
	34

JUNIOR YEAR	SEM. HRS.
English 333	3
Health Safety Education 414	3
Philosophy 151, 233	6
Music 361	3
Physical Education	3
Recommended Elective	3
Recreation 212, 341, 350,	
402, 422, 2 activities	13
	34

SENIOR YEAR	SEM. HRS.
Health Safety Education 435	3
Recommended Electives	14
Recreation 424, 432, 441, 443	
2 activities	14
Social Science	3
	34

REC 495 Internship (9 hrs. to be taken during the senior year when required)

DEPARTMENT OF INTRAMURAL-RECREATIONAL SPORTS

Louis Marciani, Chairman
Hattiesburg, MS 39406-8313
(601) 266-5405

The Department of Intramural-Recreational Sports in the School of Health, Physical Education, and Recreation provides the University community with a wide variety of leisure-time activities.

The competitive intramural sports program offers over forty sports featuring team, dual, and individual competition. The program ranges from the traditional flag football, basketball, and softball, to co-rec innertube water-polo, frisbee, and tube basketball. The program is open to all male and female undergraduate and graduate students in residence halls, fraternities, sororities, and off-campus housing, as well as to faculty and staff.

Numerous sports clubs are organized under the direction of the department. These clubs provide programs of instruction, recreation and/or competition. Some of the most popular clubs are rugby, soccer, judo, karate, fencing, bowling, and gymnastics.

Informal recreation offers members of the University community varied opportunities to participate in self-directed recreational activities. The staff assists individuals in meeting their leisure needs and interests, whether they are a quick swim, a racquetball game, or a pick-up badminton game.

The department caters to the nature lovers through the outdoor adventure education center. The center provides a rental operation for camping, boating, and backpacking equipment; a variety of sponsored outdoor trips; and outdoor workshops.

Lake Sehoy is a recreational area just three and one-half miles northwest of the campus. The natural setting of the lake offers a diversity of outdoor and waterfront activities.

An eighty-acre primitive camping area has been developed for camping and hiking activities. This facility is located across from Lake Sehoy west on Country Club Road and contains five primitive campsites and one group campsite.

SCHOOL OF HOME ECONOMICS
ACADEMIC OFFERINGS
1983-1984

Department	Major	Degree**
ENVIRONMENTAL DESIGN		
	CLOTHING MERCHANDISING*	BS
	CLOTHING AND TEXTILES*	BS
	INTERIOR DESIGN*	BS
HOME ECONOMICS EDUCATION AND FAMILY LIFE STUDIES		
	CHILD DEVELOPMENT*	BS
	HOME ECONOMICS EDUCATION*	BS
	HOME ECONOMICS IN EQUIPMENT*	BS
	MARRIAGE AND FAMILY LIVING*	BS
INSTITUTION ADMINISTRATION		
	DIETETICS	BS
	Coordinated Undergraduate Program Emphasis	
	Traditional Program Emphasis	
	Food and Nutrition Emphasis	
	HOTEL AND RESTAURANT ADMINISTRATION*	BS
	Institution Administration Emphasis	

*Minor Available
**Degree Abbreviations: (BS) Bachelor of Science

SCHOOL OF HOME ECONOMICS

Sarah L. Weaver Gibbs, Dean
Hattiesburg, MS 39406-5035
(601) 266-4679

PURPOSE

The curricula in the School of Home Economics are planned to place major emphasis on careers and on improving family life. Students are prepared to assume responsibilities in areas related to the various aspects of living concerned with the environment of the individual, the family, and the community.

ORGANIZATION

The School of Home Economics is divided into three departments: Environmental Design, Home Economics Education and Family Life Studies, Institution Administration.

Students majoring in any area of Home Economics should follow the program outlined in their area of study.

OFFERINGS FOR NON-MAJORS

Courses may be selected for electives. Non-majors may take courses without taking the prerequisites with permission of the instructor.

DEPARTMENT OF ENVIRONMENTAL DESIGN

Sue Sharp, Acting Chairman
Hattiesburg, MS 39406-10014
(601) 266-4694

Three majors are currently offered in the Department of Environmental Design. These are clothing and textiles, clothing merchandising, and interior design. The department also serves the clothing, textiles, and design needs of other majors in the School of Home Economics and provides elective courses for non-majors.

Each curriculum offers information and experiences that encourage students to develop their individual creative abilities in addition to developing strong professional ideals.

CLOTHING AND TEXTILES

Clothing and Textiles majors find positions mainly through work with textile, fabric, and pattern companies, consumer education jobs with manufacturers, and in writing for magazines, newspapers, radio, and television, depending upon the specialized preparation and interest of the individual student. An adviser helps students select background courses for specialized areas.

REQUIREMENTS FOR A MAJOR IN CLOTHING AND TEXTILES

FRESHMAN YEAR	SEM. HRS.	SOPHOMORE YEAR	SEM. HRS.
ART 111 or ARE 207	3	Clothing and Textiles 330, 331	6
Chemistry 101, 102	6	Computer Science 100	3
Clothing and Textiles 131	3	Courses for Minor	3
English 101, 102	6	Economics 255, 256	6
History 101, 102	6	General Business Admins. 295	3
Mathematics 101	3	Marriage Family Life 150	2
Political Science 101	3	Physical Education	2

Speech Communication 111	3
	33

Psychology 110	3
Sociology 101	3
Elective	1
	32

JUNIOR YEAR	SEM. HRS.
Clothing and Textiles 332, 333, 335, 431, 434 or EVD 331 or 332	15
Courses for Minor	9
Economics 301	3
Humanities 315	3
English 333	3
	33

SENIOR YEAR	SEM. HRS.
Clothing and Textiles 328 or 435, 430 or 432, 433, 437	11-12
Courses for Minor	9
Home Economics Education 478	1
Electives	8
	29-30
TOTAL:	128

REQUIREMENTS FOR A MINOR IN CLOTHING AND TEXTILES

All students pursuing a minor in this area must complete twenty-one (21) semester hours of clothing and textiles courses. Suggested courses to meet this requirement are as follows:

	Hours
Clothing and Textiles 131, 330, 332, 333, 335, 431, 433	21

CLOTHING MERCHANDISING

The clothing merchandising curriculum provides basic courses in clothing, textiles, economics, business, and marketing. Students who qualify may complete an internship with cooperating retail establishments to enhance their placement potential. With this background, graduates are prepared to move into executive training programs offered by large department stores throughout the country. Such training programs lead into positions as buyers, training supervisors, fashion coordinators, comparison shoppers, radio and television script writers, and numerous jobs involving some aspect of retailing.

REQUIREMENTS FOR A MAJOR IN CLOTHING MERCHANDISING

FRESHMAN YEAR	SEM. HRS.
ART 111 or ARE 207	3
Clothing and Textiles 131	3
English 101, 102	6
Science	3
History 101, 102	6
Mathematics 101	3
Physical Education	2
Psychology 110	3
Sociology 101	3
	32

SOPHOMORE YEAR	SEM. HRS.
Accounting 201	3
Applied Psychology 251	3
Clothing and Textiles 221	3
Computer Science 100	3
Economics 255	3
Science	3
Marketing 300	3
Political Science 101	3
Social Competencies 150	2
Speech Communication 111	3
Elective	3
	32

JUNIOR YEAR	SEM. HRS.
Clothing and Textiles 328, 330, 332, 335, 337	14
Management 360, 364	6
Marketing 330, 342, electives	9
English 333	3
	32

SENIOR YEAR	SEM. HRS.
Clothing and Textiles 331, 432 or Economics 256, 435, 436, 437, 439 or alternate	19
Marketing 442 and elective	6
Home Economics Education 478	1
Electives	6
	32
TOTAL:	128

REQUIREMENTS FOR A MINOR IN CLOTHING MERCHANDISING

All students pursuing a minor in this area must complete twenty-six (26) semester hours. Suggested courses to meet this requirement are as follows:

Clothing and Textiles 131, 328, 330, 337, 435, 436 17
Marketing 300, 330, 342 9

INTERIOR DESIGN

The interior design program is for the student planning a professional career designing interior spaces within the human environment. It is an interdisciplinary approach derived for the professional needs and responsibilities of the interior designer. The curriculum contains courses in applied design (EVD) as well as related disciplines.

Career opportunities exist in the following areas: architectural and industrial designing firms, department and furniture stores, furniture and textile manufacturing companies, hotel and restaurant chains, antique dealers, self-employment, etc.

REQUIREMENTS FOR A MAJOR IN INTERIOR DESIGN

FRESHMAN YEAR	SEM. HRS.
Architectural Technology 132	3
Drawing 101, 102	6
English 101, 102	6
Environmental Design 140, 240	6
Fundamentals of Science	6
History 101, 102	6
Mathematics 101	3
	36

SOPHOMORE YEAR	SEM. HRS.
Clothing and Textiles 330	3
Design 111, 112	6
Computer Science 100	3
Environmental Design 241, 332	6
Housing Home Management 339, 341	6
Political Science 101	3
Psychology 110	3
Sociology 101	3
Speech Communication 111	3
	36

JUNIOR YEAR	SEM. HRS.
Art History 332, 334	6
Clothing Textiles 434	3
Computer Science 100	3
Environmental Design 331, 340, 440, 441	12
Housing Home Management 342, 343	6
Marketing 330	3
Marriage Family Life 150	2
Physical Education	2
	37

SENIOR YEAR	SEM. HRS.
English333	3
Environmental Design 342, 442 or alternate	9
Marketing 342	3
Home Economics Education 478	1
Art Elective (above 300)	3
Elective	1
	20

TOTAL: 128

REQUIREMENTS FOR A MINOR IN INTERIOR DESIGN

To receive a minor in Interior Design, complete the following requirements:

	Hours
Environmental Design 140, 240, 241, 340 or 440	12
Housing Home Management 339, 341 or 342	6
Art 101, 111	6
	24

DEPARTMENT OF HOME ECONOMICS EDUCATION AND FAMILY LIFE STUDIES

Lynette Tuggle, Acting Chairman
Hattiesburg MS 39406-10013
(601) 266-4691

The Department of Home Economics Education and Family Life Studies offers the Bachelor of Science degree in Child Development with Nursery-Kindergarten Teacher Certification; Home Economics in Equipment; Marriage and Family Living; and Vocational Home Economics.

NURSERY SCHOOL

The University Nursery School was established in 1929 as a unit within the School of Home Economics to provide a laboratory in which students might observe the development and relationships of a group of normal, healthy, young children and participate in directing the various nursery school activities. The school accommodates children between the ages of three and five years. It operates on a half-day schedule from 8:30 to 11:45 in the morning, five days a week, throughout the school year.

The daily program is planned to create an environment rich in possibilities for developing the child's mental, physical, and social self as well as attaining a greater degree of emotional maturity. The enrollment is made up of an equal number of boys and girls in the various age groups from town, faculty, and student families.

The Nursery School, which was the first to be established in Mississippi, is located on the first floor of the Home Economics Building. It has ample space indoors and a large porch and fenced-in play area outdoors. In both space and equipment it meets high standards. The climate permits outdoor play the year round. Requests for registration must be filed with the Director of the Nursery School well in advance of the time the child is to be enrolled. Any child who meets the age and development requirements may qualify.

INFANT DEVELOPMENT CENTER

The Infant Development Center, the newest child development laboratory, provides learning experiences in observation and participation with infants through two-year olds.This Center increases the opportunities for home economics majors to observe, study, and participate with children from infancy through preschool years. The child development program enriches the home economics major by providing learning experiences that develop competencies in understanding infants and young children.

CHILD DEVELOPMENT

REQUIREMENTS FOR MAJOR IN CHILD DEVELOPMENT

(N-K Emphasis)

FRESHMAN YEAR	SEM. HRS.
Art Education 207	3
English 101, 102	6
Food and Nutrition 163	3
Fundamentals of Science 131, 133	6
Health and Safety Education 101	3
History 101, 102 or 140, 141	6
Physical Education elective	2
Speech Communication 111	3
	32

SOPHOMORE YEAR	SEM. HRS.
Art Education 309	3
Child Development 350, 351	6
Food and Nutrition 261	3
Fundamentals of Science 132 or 134	3
Health and Safety Education 310	2
Marriage and Family Living 150	2
Mathematics 210	3
Psychology 110	3
Social Science elective	6
	31

JUNIOR YEAR	SEM. HRS.
Child Development 352, 451, 452	9
Curriculum and Instruction: CIE 317	3
Educational Psychology 370	3
Food and Nutrition 363	3
Home Economics Education 478	1
Housing and Home Management 345 442, 443	10
Marriage and Family Living 351	3
	32

SENIOR YEAR	SEM. HRS.
Child Development 453, 454, 455	10
Curriculum and Instruction: CIE 301, 403, 422	12
Electives	2
English 301	3
Mathematics 310	3
Music Education 361	3
	33
TOTAL:	128

REQUIREMENTS FOR A MINOR IN CHILD DEVELOPMENT

All students pursuing a minor in this area must complete eighteen (18) semester hours in Child Development. Suggested courses to meet this requirement are as follows:

	Hours
Child Development 350, 351, 352, 451, 452, 453	18

HOME ECONOMICS EDUCATION

The Home Economics Education curriculum includes the requirements for teacher certification as set by the Mississippi State Department of Vocational Educational and qualifies graduates to teach in secondary schools under the requirements of the Federal Vocational Acts. (A student in the Department of Home Economics Education and Family Life Studies seeking certification at the secondary level should refer to the "Teacher Eduction Programs and Requirements", pages ••-••. Graduates are prepared to take places in the professional and business communities as teachers of home economics, home service directors for utility and manufacturing companies, home economist with the Cooperative Extension Service as well as employees in other agencies concerned with consumer and homemaking education.

REQUIREMENTS FOR A MAJOR IN VOCATIONAL HOME ECONOMICS

All students pursuing a major in Home Economics Education must complete the following requirements. A suggested sequence has been made but may vary according to individual needs.

FRESHMAN YEAR	SEM. HRS.
Art Education 207	3
Clothing and Textiles 131	3
English 101, 102	6
Food and Nutrition 163	3
Fundamentals of Science 104 and 105, or Chemistry 101	6
history 101, 102, or 140, 141	6
Marriage and Family Life 150	2
Mathematics 101 or 120	3
Physical Education	2
	34

SOPHOMORE YEAR	SEM. HRS.
Clothing and Textiles 330	3
Educational Psychology 372	3
English 203 or 301	3
Food and Nutrition 261	3
Fundamentals of Science 106 and 107, or Microbiology 261	6
Health 101	3
Home Economics Education 478	1
Political Science 101	3
Psychology 110	3
Sociology 101	3
Speech Communication 111	3
	34

JUNIOR YEAR	SEM. HRS.
Child Development 350	3
Curriculum and Instruction: CIS 310	3

SENIOR YEAR	SEM. HRS.
Clothing and Textiles 333	3
Curriculum and Instruction: CIS 313, 422	6

Educational Psychology 374	3
Food and Nutrition 362	3
Home Economics Eduction 301, 404	6
Housing and Home Managaement 340, 345, 442, 443	13
Marriage and Family Life 351 or 451	3
	34
English 332	3
Home Economics Education 403, 409	12
Research and Foundations 469	3
Special Education 400	3
	30
TOTAL:	132

HOUSING AND HOME MANAGEMENT

The increasing opportunities for home economists in business with utility companies and manufacturers of equipment for the home have created many positions for those with the necessary educational background. The major, Home Economics in Equipment, is designed for those preparing for such careers.

HOME ECONOMICS IN EQUIPMENT

REQUIREMENTS FOR A MAJOR IN HOME ECONOMICS IN EQUIPMENT

FRESHMAN YEAR	SEM. HRS.
Art Education 207	3
Biology 101	4
Clothing and Textiles 131	3
English 101, 102	6
Food and Nutrition 163	3
History 101, 102 or 140, 141	6
Mathematics 120 or 101	3
Physical Education elective	2
Speech Communication 111	3
	33

SOPHOMORE YEAR	SEM. HRS.
Child Development 350	3
Clothing and Textiles 332	3
Elective	2
Food and Nutrition 261	3
Marriage and Family Living 150	3
Microbiology 261	4
Psychology 110	3
Political Science 101	3
Radio-Television-Film 271	3
Sociology 101	3
Speech Communication 210	3
	33

JUNIOR YEAR	SEM. HRS.
Clothing and Textiles 330 or 334, 431	6
Elective	3
Food and Nutrition 362	3
Home Economics Education 301, 404	6
Housing and Home Management 345 401	6
Institution Administration 370	3
Marriage and Family Living 351	3
Marketing 330	3
	32

SENIOR YEAR	SEM. HRS.
Elective	3
Food and Nutrition 430	3
Home Economics Education 409, 478	4
Housing and Home Management 340, 441, 442, 443	19
	29
TOTAL:	128

MARRIAGE AND FAMILY LIFE

Marriage today is becoming widely recognized as the most important vocation for which young people can prepare.

The objectives of the marriage and family life curriculum are two-fold: first, to assist college students to grow into intelligent, effective, and satisfying family members in their own homes; and second, to prepare them for a career of service in working with families, youth, and the elderly.

MARRIAGE AND FAMILY LIVING

REQUIREMENTS FOR A MAJOR IN MARRIAGE AND FAMILY LIVING

FRESHMAN YEAR	SEM. HRS.
Biology 101, 102 or Microbiology 261	8
English 101, 102	6
Food and Nutrition 163	3
History 101, 102 or 140, 141	6
Mathematics 120 or 101	3
Physical Education elective	2
Political Science 101	3
Sociology 101	3
	34

SOPHOMORE YEAR	SEM. HRS.
Art Education 207	3
Child Development 350	3
Food and Nutrition 261, 362	6
Health and Safety Education 310	2
Marriage and Family Living 150, 151	5
Psychology 110	3
Speech Communication 111	3
Sociology 230, 240	6
	31

JUNIOR YEAR	SEM. HRS.
Child Development 451	3
Educational Psychology 372	3
Finance 320	3
Home Economics Education 404, 478	4
Housing and Home Management 340	3
Marriage and Family Living 351, 451	6
Sociology 314, 330, 331	9
	31

SENIOR YEAR	SEM. HRS.
Elective	2
Health and Safety Education 422, 430	6
Marriage and Family Living 452, 490	12
Psychology 456	3
Sociology 424, 444, 450	9
	32
TOTAL:	128

REQUIREMENTS FOR A MINOR IN MARRIAGE AND FAMILY LIVING

All students pursuing a minor in this area must complete twenty (20) hours in marriage and family and child development courses. Suggested courses to meet this requirement are as follows:

	Hours
Marriage and Family Life 150, 151, 351, 451, 452	14
Child Development 350, 451	6
	20

DEPARTMENT OF INSTITUTION ADMINISTRATION

(FOOD AND NUTRITION)
(HOTEL AND RESTAURANT ADMINISTRATION)

Margaret McCarthy, Chairman
Hattiesburg, MS 39406-10025
(601) 266-4680

This area provides courses in foods and nutrition, institution administration, dietetics, and hotel and restaurant administration for undergraduate and graduate students. Some of the basic courses may be elected by non-majors from other schools of the University or by those selecting minors in food and nutrition or institution management.

The Coordinated Undergraduate Program which is accredited by the American Dietetic Association includes experience in the last two years of the program. Upon completion of degree, the student is eligible to take the registration examination for registered dietitians.

The Institution Management-Dietetics curriculum meets the academic requirements for membership in the American Dietetic Association and qualifies the student for an internship approved by the association. Institution Management and Food and Nutrition curriculas may also lead to meeting academic requirements in the American Dietetic Association.

Hotel and Restaurant Administration curriculum prepares students for positions in the travel and hospitality industry, college and university food service, clubs and in related businesses.

CHARCOAL ROOM

The Charcoal Room is a modern academic laboratory for Institution Management majors. The Charcoal Room is in the University Commons which is centrally located on the campus.

The facility provides good food of high quality in attractive surroundings for congenial association of faculty members, staff, and graduate students with their collegues, guests, and families. It also offers an excellent stimulating experience and training center for Institution Management majors under the guidance of the institution management faculty.

DIETETICS

Suggested minors are: for dietetics majorschemistry, general science, or health.

REQUIREMENTS FOR A MAJOR IN DIETETICS

FRESHMAN YEAR	SEM. HRS.
Biology 101	4
Chemistry 101	4
English 101, 102	6
Food and Nutrition 163, 261	6
History 101, 102	6
Mathematics 101	3
Physical Education	2
Psychology 110	3
	34

SOPHOMORE YEAR	SEM. HRS.
Accounting 201	3
Biology 220, 221	8
Chemistry 251, 321	8
Economics 255	3
Food and Nutrition 260 or 362	3
Microbiology 261	4
Sociology 101	3
Speech Communication 111	3
	35

COORDINATED UNDERGRADUATE PROGRAM IN DIETETICS

JUNIOR YEAR	SEM. HRS.
Economics 301	3
Food and Nutrition 265, 365, 430, 463	17
Home Economics Education 301	3
Institution Administration 473, 475	10
Management 360	3
	36

SENIOR YEAR	SEM. HRS.
English 333	3
Food and Nutrition 460, 464, 465, 466, 492	30
	33
TOTAL:	138

TRADITIONAL PROGRAM

JUNIOR YEAR	SEM. HRS.
Economics 301	3
English 332	3
Food and Nutrition 430	3
Home Economics Education 301	3
Institution Administration 370, 471, 472, 476	13
Management 360	3
Electives	3
	31

SENIOR YEAR	SEM. HRS.
Food and Nutrition 460, 461	6
Home Economics Education 478	1
Institution Administration 470, 474	6
Management 364	3
Electives	11
	27
TOTAL:	128

Requirements for an Emphasis in Food and Nutrition

FRESHMAN YEAR	SEM. HRS.
Biology 101	4
Chemistry 101, 102	8
English 101, 102	6
Food and Nutrition 163	3
History 101, 102	6
Mathematics 101	3
Physical Education	2
	32

SOPHOMORE YEAR	SEM. HRS.
Allied Arts 100	3
Chemistry 251,	4
Food and Nutrition 261, 362	6
Marriage and Family Life 150	2
Political Science 101	3
Psychology 110	3
Sociology 101	3
Speech Communication 111	3
Electives	5
	32

JUNIOR YEAR	SEM. HRS.
Chemistry 321	4
Child Development 350	3
Economics 256	3
Food and Nutrition 430	3
Home Economics 301	3
Institution Administration 370	2
Marriage and Family Life 351	3
Microbiology 261	4
Minor Requirements	9
	34

SENIOR YEAR	SEM. HRS.
Food and Nutrition 460, 461	6
Health and Safety Education 101	3
Home Economics Education 478	1
Housing and Home Management 345	3
Minor Requirements	12
Electives	5
	30
TOTAL:	128

REQUIREMENTS FOR A MINOR IN FOOD AND NUTRITION

All students pursuing a minor in this area must complete twenty (20) semester hours of food and nutrition and institution administration courses. Suggested courses to meet this requirement are as follows:

	Hours
Food and Nutrition 163, 261, 362, 430, 460, 461	18
Institution Administration 370	2

REQUIREMENTS FOR A MAJOR IN HOTEL AND RESTAURANT ADMINISTRATION

FRESHMAN YEAR	SEM. HRS.
Allied Arts 100	3
Biology 101	4
English 101, 102	6
History 101, 102	6
Hotel and Restaurant Administration 179	3
Mathematics 101	3
Physical Education	2
Sociology 101	3
	30

SOPHOMORE YEAR	SEM. HRS.
Accounting 201, 202	6
Computer Science 100	3
Institution Administration 272, 273, 370	8
Management 360	3
Microbiology 261	4
Political Science 101	3
Speech Communication 111	3
Psychology 110	3
Elective	1
	34

JUNIOR YEAR	SEM. HRS.
Economics 255	3
Food and Nutrition 360	2
Hotel and Restaurant Administration 475, 476	6
Institution Administration 471, 472, 476	11
Management 364, 454	6
Marketing 300	3
Electives	2
	33

SENIOR YEAR	SEM. HRS.
Hotel and Restaurant Administration 479, 480, 481, 482	18
InstitutionAdministration 474	3
Management 472	3
Electives	7
	31
TOTAL:	128

A minimum of 400 hours of employment in hotel, motel, or food service is required.

REQUIREMENTS FOR A MINOR IN HOTEL AND RESTAURANT ADMINISTRATION

All students pursuing a minor in this area must complete twenty-two (22) semester hours in Hotel and Restaurant Administration and Institution Administration courses. Suggested courses to meet this requirement are as follows:

	Hours
Hotel and Restaurant Administration 179, 475, 476, 480, 481, 482	18
Institution Administration 472	4

Requirements for a Emphasis in Institution Management

FRESHMAN YEAR	SEM. HRS.
Biology 101	4
Chemistry 101	4
English 101, 102	6
Food and Nutrition 163, 261	6
History 101, 102	6
Mathematics 101	3
Physical Education	2
	31

SOPHOMORE YEAR	SEM. HRS.
Chemistry 251, 321	8
Computer Science 100	3
Food and Nutrition 362	3
General Business Administration 100	3
Microbiology 261	4
Political Science 101	3
Psychology 110	3
Sociology 101	3
Speech Communication 111	3
	33

JUNIOR YEAR	SEM. HRS.
Accounting 201	3
Allied Arts 100	3
Economics 255	3
Home Economics Education 301	3
Institution Administration 370, 472, 476	10
Management 360	3
Electives	6
	31

SENIOR YEAR	SEM. HRS.
Food and Nutrition 430, 460	6
Home Economics Education 478	1
Institution Administration 460, 471, 474	9
Management 364, 454	6
Marketing 300	3
Electives	7
	32
TOTAL:	128

REQUIREMENTS FOR A MINOR IN INSTITUTION MANAGEMENT

All students pursuing a minor in this area must complete twenty (20) semester hours in Food and Nutrition and Institution Administration courses. Suggested courses to meet this requirement are as follows:

	Hours
Food and Nutrition 163, 261, 362, 460	12
Institution Administration 472, 476	8

HONORS COLLEGE

Wallace G. Kay, Dean
Hattiesburg, MS 39406-5162
(601) 266-4534

The Honors College was established July 1, 1976, as an expansion and reorganization of the former Honors Center. The purpose of the Honors College is to provide superior students with a broadly-based, humanistic undergraduate education; to give a proper setting and perspective to their more specialized studies, and to challenge them to their best efforts. Its aim is to identify, encourage, and reward academic excellence in all fields and to serve students with widely varying academic interests, awarding degrees **cum laude, magna cum laude,** and **summa cum laude.**

To enter the College as freshmen, students compete with other applicants on the basis of five criteria; high school grades, scores on the American College Test, detailed ratings by two high school teachers and the principal or guidance counselor, a personal interview with Honors Council representatives, and an extemporaneous essay. Entrance after the first semester of the freshman year requires a minimum quality point average of 3.0 and letters of recommendation from two college instructors.

Students are in good standing in the College as long as they maintain a 3.0 overall average. Entering freshmen have two semesters to achieve a 3.0 average; students whose averages fall below 3.0 are suspended from the College until such time as their averages again reach 3.0. However, students whose averages fall below 3.0 but are above 2.91 are given one semester's probation; they may continue in the College for one semester but must raise their averages to 3.0 or be suspended following that semester.

Honors College students will not be required to fulfill the course requirements of the University Core curriculum, though its general educational purposes will certainly be met by the Honors College requirements.

Students wishing to graduate through the Honors College will normally meet the requirements listed below, though students entering the Honors College after the first semester of their freshman year may be permitted some substitutions.

TYPICAL FOUR-YEAR SCHEDULE FOR MEETING HONORS REQUIREMENTS

FRESHMAN YEAR	SEM. HRS.
Honors 111, 112	6
Honors 121, 122	2
Honors 131	3
Honors 321, 322*	2
	13

SOPHOMORE YEAR	SEM. HRS.
Honors 211, 212,	6
Honors 221, 222	4
Honors 231	3
Honors 321, 322*	2
	15

JUNIOR YEAR	SEM. HRS.
Honors 301, 303	4
Honors 302, 401, or 402**	1
	5

SENIOR YEAR	SEM. HRS.
Honors 403**, 490***	6
Honors 302, 401, or 402	1
Honors 492	1-3
	8-10

*A total of four (4) hours in Honors 321 and 322 is required. The four (4) hours may be spread over four (4) years.
**May be taken junior or senior year.
***Must be taken during final semester.

In addition to the above, all Honors students must take three to twelve (3-12) hours, depending on placement, of a foreign language, which may be started as late as year III; fifteen (15) hours of science, including CSS 240 and three (3) lab science courses; three (3) hours of mathematics (Mat 276 or higher), and two (2) hours of PE, Band, or ROTC. Honors students must meet only these requirements plus those of the major and minor which will be selected in any college or school in the University.

Total Honors Core Requirements.....64-75

In addition to the course requirements listed above, Honors students must pass comprehensive examinations in their major fields.

The Senior Honors Project involves two phases, the prospectus and the project itself. The prospectus must be presented nine months prior to graduation; guidelines for the prospectus may be obtained from the Honors College Office. The exact nature of the project itself is a matter for decision in discussion between the student and the proper representatives of his major department. However, certain general guidelines should be observed, as follows: the project should reflect significant individual effort which may involve library research, laboratory research, or field research. The project should conform to accepted scholarly procedure within the discipline of the major field. The project may be creative, as opposed to derivative, at the discretion of the department chairman involved and subject to the specific approval of the Dean of the Honors College; however, a creative project must be executed within the framework of accepted scholarly procedure. That is, a student who produces a creative effort should introduce that effort by adequate discussion of the nature of the creative form involved, including an indication of familiarity with other examples of that form. The project must be done in the area of the student's major unless specific approval is given by the Honors Council for a project in the area of his minor. A joint project by two or more students is permissible if specifically approved by the appropriate department chairman and by the Dean of the Honors College. Any doubts as to the validity of a proposed project should be resolved in discussion among the project director, the appropriate chairman, and the Honors Dean. Directions for the format of the senior project may be secured from the Honors College Office.

The comprehensive examination must be taken no later than four weeks before the student is scheduled to graduate. The examination may be either written or oral, at the option of the major department. The exact nature of the examination is a matter for decision by the department involved, but there are general guidelines:

(1) The examination should be designed so that it can be completed in a maximum of three hours.
(2) The examination should test the candidate's general knowledge of the field of his major rather than specialized information about some particular aspect of his major.
(3) The examination should be uniform for all candidates within a particular semester.
(4) It is the responsibility of the student to contact the department chairman and request that the comprehensive examination be designed and administered. These arrangements should be made one semester in advance.

Graduation Recognition

Honors graduates receive the distinction, written upon their diplomas, of being Honors College Graduates in the departments of their majors. If their academic average is high enough, they also receive the distinction of **summa cum laude** (3.8 overall average), **magna cum laude** (3.5 overall average), or **cum laude** (3.25 overall average).

Financial Assistance

Students enrolled in the Honors College may apply for financial aid through the Office of Financial Aid on the same basis as any other student. Two types of scholarships available only to Honors students are listed below.

(1) **Presidential Scholars:** Each year, the President of the University will select four freshmen to be Presidential Scholars. These students must have been accepted by the Honors College, so they will follow admission procedures for Honors except that they will have a final interview with the President of the University. Applicants are expected to have superior ACT scores and high school grade point averages; they are also expected to have proven leadership ability.

Presidential scholarships are underwritten by the Alumni Association and are in the amount of $11,296, payable in $1,412 increments at registration each semester until graduation.

(2) **Honors Scholars:** Each year, up to forty-six freshmen will be designated Honors Scholars. These students must have been accepted by the Honors College, so they will follow admission procedures for Honors except that they may have a final interview with

the Vice-President for Academic Affairs. Applicants must have ACT scores of 28 or above and high school grade point averages of 3.5 or better.

Honors scholarships are in the amount of $2,200 and are payable in $275 increments at registration each semester until graduation.

THE UNIVERSITY PROGRAM FORUM

Each semester, programs will be offered combining presentations in humanities, in science, and in social science. The one-hour, pass-fail courses feature such things as nationally known speakers, outstanding films, panels, and other enrichment programs. This series is open to all students of the University and may be repeated for up to eight (8) hours credit. See Course Descriptions for HON 321, 322.

THE HUMANITIES PROGRAM

The Honors College offers a minor in humanities as outlined below. This minor is open both to Honors students and to general students. Particularly designed for the student who plans a career in college teaching, the humanities minor is a combination of culturally-oriented courses from the classics, literature, science, social science, art, and music. The requirements for a minor are as follows:

A. One course from each of the following groups:

	Hours
HUM 210, 316 (Science)	3
HUM 310, 313 (Classics)	3
HUM 314, 315 (Art and Music)	3
HUM 380, 382 (Social Science)	3
HUM 410, 412 (Western Literature)	3
B. Foreign Language (for Honors College students 300 level or above)	6
Total	21

TUTORIAL OPTION FOR MAJOR FIELD

An Honors student may elect to define a major through tutorial studies, subject to the availability of faculty tutors and the specific approval of both the department chairman involved and the Dean of the Honors College. The tutorial option will normally involve a full academic year of continous concentrated study in the major area.

COLLEGE OF LIBERAL ARTS
ACADEMIC OFFERINGS
1983-1984

Department	Major	Degree****
COMMUNICATION (DIVISION)		
	COMMUNICATION*	BA, BS
CRIMINAL JUSTICE		
	CRIMINAL JUSTICE*	BA, BS
	Corrections Emphasis	
	Juvenile Justice Emphasis	
	Law Enforcement Emphasis	
ENGLISH		
	ENGLISH*	BA, BS
	Teaching English to Speakers of Other Languages Emphasis	
FOREIGN LANGUAGE		
	CLASSICS*	BA, BS
	GERMAN*	BA, BS
	SPANISH*	BA, BS
GEOGRAPHY AND AREA DEVELOPMENT		
	COMMUNITY AND REGIONAL PLANNING*	BS
	Environmental Planning Emphasis	
	Urban and Transportation Planning Emphasis	
	GEOGRAPHY*	BA, BS
HISTORY		
	AMERICAN STUDIES*	BA, BS
	HISTORY*	BA, BS
	LATIN AMERICAN STUDIES*	BA, BS
	Latin American Trade and Finance Emphasis	
	SOCIAL STUDIES*	BA, BS
JOURNALISM		
	ADVERTISING*	BA, BS
	JOURNALISM*	BA, BS
	Journalism Education Emphasis	
	News-Editorial Emphasis	
	Photojournalism Emphasis	
	Public Relations Emphasis	
PHILOSOPHY AND RELIGION		
	PHILOSOPHY*	BA, BS
	PHILOSOPHY AND RELIGION*	BA, BS
POLITICAL SCIENCE		
	PARALEGAL STUDIES*	BA, BS
	POLITICAL SCIENCE*	BA, BS
	(PRE-LAW)**	
RADIO, TELEVISION, AND FILM		
	RADIO, TELEVISION, AND FILM	BA, BS
	Broadcast Journalism Emphasis	
	Broadcast Management and Sales Emphasis	
	Film Emphasis	
	Radio-Television Production Emphasis	

Department	Major	Degree**
SOCIOLOGY AND ANTHROPOLOGY		
	ANTHROPOLOGY*	BA, BS
	ASIAN STUDIES***	
	SOCIOLOGY*	BA, BS
	Social Work Emphasis	
SPEECH AND HEARING SCIENCE		
	AUDIOLOGY*	BA, BS
	EDUCATION OF THE DEAF*	BA, BS
	LANGUAGE DISORDERS*	BA, BS
	SPEECH PATHOLOGY*	BA, BS
SPEECH COMMUNICATION		
	SPEECH COMMUNICATION*	BA, BS

*Minor Available

**This program does not lead to a degree. Students completing pre-professional programs will select an academic major with an emphasis in the appropriate pre-professional area.

***Minor Only Available

****Degree Abbreviations: (BA) Bachelor of Arts, (BS) Bachelor of Science

COLLEGE OF LIBERAL ARTS

Glenn T. Harper, Acting Dean
Stanley R. Hauer, Assistant to the Dean
Hattiesburg, MS 39406-5004
(601) 266-4135

The College of Liberal Arts provides a broad cultural and educational experience to help students acquire the means of making self-education the rewarding enterprise of a lifetime as well as to guide them in their preparation to serve both society and their own self-interests productively and responsibly. Students are encouraged to widen their interests, to develop mature habits of observation and reading in the major areas of man's cultural heritage, and to learn to think logically, communicate effectively, and judge wisely. Traditional disciplines offer studies towards majors and minors, some interdisciplinary programs are available, and some departments offer postbaccalaureate degrees. For information concerning the latter, see the **Graduate Bulletin.**

The College of Liberal Arts is organized into fourteen departments: Aerospace Studies, Criminal Justice, English, Foreign Languages, Geography and Area Development, History, Journalism, Military Science, Philosophy and Religion, Political Science, Radio, Television, and Film, Sociology and Anthropology, Speech and Hearing Science, and Speech Communication. The Departments of Aerospace Studies and Military Science have no academic major or minor. Other departments offer both majors and minors.

Listed below are the common requirements for both the Bachelor of Arts and Bachelor of Science degrees. The suggested sequence may be modified to meet a student's specific program and schedule needs. A student entering the College of Liberal Arts will be assigned the appropriate department chairman for academic advisement.

REQUIREMENTS FOR THE BACHELOR OF ARTS DEGREE IN THE COLLEGE OF LIBERAL ARTS

FRESHMAN YEAR	SEM. HRS.
English 101 and 102	6
Foreign Language	6
History (101 and 120 or 140 and 141 are recommended.)	6
Mathematics (101 or 120 is recommended.)	3
Physical Education or ROTC/AFROTC (This requirement may also be met by participation in varsity athletics or associated activities.)	2
Science	6
	29

SOPHOMORE YEAR	SEM. HRS.
English (200 level literature courses are recommended.)	6
Foreign Language (Fewer hours may suffice, but a course at intermediate level II must be completed; see Foreign Language Courses.)	6
Other courses (from the following areas, with no more than three hours from any one area: Allied Arts 100 or Music 365, anthropology, geography, political science, philosophy, speech communication, sociology)	12
	24

JUNIOR YEAR	SEM. HRS.
English 332, 333, or 334	3

SENIOR YEAR	SEM. HRS.

REQUIREMENTS FOR THE BACHELOR OF SCIENCE DEGREE IN THE COLLEGE OF LIBERAL ARTS

FRESHMAN YEAR	SEM. HRS.
English 101 and 102	6
History (101 and 102 or 140 and 141 are recommended.)	6
Mathematics (101 or 120 is recommended.)	3
Physical Education or ROTC/AFROTC (This requirement may also be met by participation in varsity athletics or associated activities.)	2
Science	12
	29

SOPHOMORE YEAR	SEM. HRS.
English (200 level-literature courses are recommended.)	6
Other courses (from the following areas, with no more than three hours from any one area: Allied Arts 100 or Music 365, anthropology, economics, geography, philosophy, political science, psychology, speech communication, sociology)	21
	27

JUNIOR YEAR	SEM. HRS.
English (332, 333 or 334 is recommended.)	3

SENIOR YEAR	SEM. HRS.

SECONDARY TEACHER CERTIFICATION

A student in the College of Liberal Arts seeking certification at the secondary level must satisfy not only the Liberal Arts core requirements but also the core requirements of the College of Education and Psychology. In addition he must complete the following professional education courses: Research and Foundations 400 (Public Education in the United States), Research and Foundations 469 (Tests and Measurements), Educational Psychology 372 (Human Growth and Development Part II: Adolescent), Educational Psychology 374 (Educational Psychology), Secondary Education 310 (Junior-Senior High School Reading Methods), Secondary Education 313 (Principles of Teaching in High School), Secondary Education 422 (Career Educatiion), Secondary Education 451-465 (a methods course in the student's academic area), Secondary Education 481-494 (student teaching in the student's academic area), and Special Education 400 (Psychology and Education of the Exceptional Child).

INTERDISCIPLINARY PROGRAMS

A major and a minor in Advertising, American Studies, Community and Regional Planning, Latin American Studies, Linguistics, Paralegal Studies, and Social Studies are administered by the College of Liberal Arts and involve an interdisciplinary curriculum. A minor emphasis in Asian Studies is another interdiscplinary program in the College of Liberal Arts. Each program is outlined in the major department section.

Speech and Hearing Clinic

Robert C. Rhodes, Director

Hattiesburg, MS 39406-5092

(601) 266-5229

The Speech and Hearing Clinic is operated by the Department of Speech and Hearing Sciences in the College of Liberal Arts to provide students with orientation to clinical procedures used in speech/language pathology and audiology. The Clinic is located in the Speech, Hearing, Reading, and Special Education Building.

This Clinic has a dual function. It provides facilities for the training of specialists in the areas of audiology, education of the deaf, and speech/language disorders as well as providing clinical services for individuals with hearing and speech/language problems.

The Clinic's services include diagnostic examinations and therapy programs for both children and adults who have speech or hearing problems. These services are available to both University students and members of the community at nominal fees.

Preschool Deaf Program

Noel Lehrer, Director

Hattiesburg, MS 39406-5092

(601) 266-5226

The University of Southern Mississippi's Deaf Education Program serves as a regional center for deaf children. The program includes a diagnostic center, preschool program that provides home visits to parents of preschoolers, and a daily preschool class.

Several older children are also enrolled in the program. Some of these children remain in the clinic for schooling in a self contained class. The program also serves as a resource center for hearing impaired children who are mainstreamed in regular public school classes all or part of a school day

The program is directed by University faculty and staff. It is part of the deaf education teacher training program at the University and provides educational and training experiences for students. Financial support is provided by the State Department of Education.

Preschool-Infant Program

Mary T. Schaub, Director

Hattiesburg, MS 39406-5092

(601) 266-5231

Individual and group therapy are provided to infants and preschool age children with speech and language problems in a school like setting on a daily basis.

The program is supported by United Way, Easter Seals, and State Department of Education. No fees are charged.

School For Children With Language Disorders

N. Etoile DuBard, Director

Hattiesberg, MS 39406-10035

(601) 266-5223

The School for Children with Language Disorders is part of the Department of Speech and Hearing Science. It is a laboratory school for children with language and speech disorders related to hearing impairments, aphasia, or severe language disorders associated with central auditory processing problems. Children may be enrolled full-time or part-time on an out-client basis according to their needs. Diagnostic evaluations at nominal fees are available for children with language and learning problems and speech disorders.

Financial support is provided by Forrest-Lamar Counties United Way and the State Department of Education, special grants, and gifts.

University students, upon completing specific courses, may obtain supervised clinical practicum in the school for either academic credit or clock hours.

DEPARTMENT OF AEROSPACE STUDIES (AIR FORCE ROTC)

James E. Conroy, Chairman

Hattiesburg, MS 39406-5145

(601) 266-4468

The Air Force ROTC Program offers a course of study leading to a commission as a Second Lieutenant in response to Air Force needs. The Air Force ROTC Program is an accredited part of the curricula of the University. Completion of AFROTC fulfills the academic minor requirements. Courses within the General Military Course may also be substituted for physical education requirements.

AFROTC REQUIREMENTS

Students may enroll in AFROTC if they meet the following requirements:

General Military Course: Men and women who are full-time University students may enroll in the General Military Course (GMC). The GMC courses are directed towards the missions and activities of the United States Air Force. There is no obligation associated with enrollment in any GMC course. The Professor of Aerospace Studies may grant credit or partial credit for completion of the GMC for students who have served on active duty, for junior or senior level ROTC participation in a program of any service, and for Civil Air Patrol work.

Professional Officer Course: Enrollment in the Professional Officer Course (POC) is limited to those students who have applied and have been accepted for this course. Application is normally made while a member of the GMC or (for students not enrolled in the GMC) early during the academic year prior to the year of desired entry. Students with previous military service may apply for direct entry. Individuals entering the POC must have two academic years remaining in college as full-time students at the undergraduate and/or graduate level. All POC students are obligated to accept a commission after completing their studies and to enter the active duty Air Force.

DESCRIPTION OF BASIC PROGRAMS

Students who enter Air Force ROTC classes are considered to be in the Four-, Three-, or Two-Year Programs depending on their academic progress upon entry. Enrollment in the General Military Course offers the student maximum exposure to the Air Force without obligation and also affords maximum opportunity for scholarships and entry into the Professional Officer Course. The POC is normally preceded by either a four or six week orientation period conducted at various Air Force bases. USM students usually go to Florida, Alabama, Texas, or California area bases for this orientation. Financial entitlements while in the POC normally total about $2,500 for non-scholarship students.

AFROTC COLLEGE SCHOLARSHIP PROGRAM

A combined institutional and Aerospace Studies committee nominates qualified freshman, sophomore, and junior students to compete for three and one-half, three, two and one-half and two year scholarships. Scholarships pays full tuition, as well as certain fees and expenses associated with required courses, registration and graduation, and provides reimbursement for required textbooks. In addition the recipient will receive a $100 (tax-free) monthly allowance during the school year. Scholarships are awarded on the basis of specific academic majors needed in the Air Force. Presently this includes computer science, mathematics, and physics majors as well as navigator candidates. Scholarships are also offered for the last three or two years of premed or preosteopath program; and for the last two years of a bachelor degree in nursing. Interested students should contact the Department of Aerospace Studies.

Four-year scholarships are also available to high school students. High school students interested in making application should write: Air Force ROTC (RRUF), Maxwell AFB, Alabama 36112 during their junioir year or before December of their senior year.

SUPPLEMENTAL COURSE PROGRAM (SCP)

Satisfactory completion of courses in English composition and mathematical reasoning are required for scholarship and POC students respectively. Completion of the University core will normally fulfill SCP requirements.

FOREIGN LANGAUGE REQUIREMENT

Scholarship students must successfully complete at least one semester of college instruction in a major Indo-European or Asian language prior to commissioning. This requirement can be met by either completing a course or demonstrating proficiency through a CLEP exam.

FLIGHT INSTRUCTION PROGRAM

The Flight Instruction Program (FIP) provides academic training to selected Professional Officer Course students. Flight training is conducted by a local accredited civilan flying school. The ground school (academic) portion is conducted by the Department of Aerospace Studies and includes theory of flight, weather, navigation, communications procedures, and Federal Aviation regulations.

DEPARTMENT ACTIVITIES

Air Force ROTC students are eligible for membership in Arnold Air Society and to participate in departmental activities. Arnold Air Society is a national service organization and sponsor of Angel Flight, a national coed service organization. Other departmental activities include orientation flights, visits to area bases, and intramural sports.

DIVISION OF COMMUNICATION

Gene Wiggins, Coordinator
Hattiesburg, MS 39406-5141
(601) 266-4258

The Division of Communication offers an interdisciplinary major and minor involving the Departments of Speech Communication, Journalism, and Radio, Television, and Film. It is designed to prepare students for careers as communication specialists within business and industrial organizations, government agencies, trade and professional associations, or public institutions. A broad background in liberal arts and social sciences is recommended, and students are advised to concentrate their electives in these areas. A minor is not required for the Communication major.

REQUIREMENTS FOR A MAJOR IN COMMUNICATION

Bachelor of Arts Degree

FRESHMAN YEAR	SEM. HRS.
English 101 and 102	6
Foreign Language	6
History (101 and 102 or 140 and 141 are recommended)	6
Mathematics (101 or 120 is recommended)	3
Physical Education or ROTC/AFROTC (this requirement may also be met by participation in varsity athletics or associated activities)	2
Science	6
	29

SOPHOMORE YEAR	SEM. HRS.
English (203 and 204 are recommended)	6
Foreign Language (Fewer hours may suffice, but a course of intermediate level II must be completed: see Foreign Language courses.)	6
Journalism 102	3
Other Courses (from the following areas, with no more than three hours from any one area: Allied Arts 100 or Music 365, anthropology, geography, political science, philosophy, speech communication, sociology)	12
Radio, Television, and Film 200	3
Electives	3
	33

JUNIOR YEAR	SEM. HRS.
English 332	3
Journalism 421	3
Management 360	3
Radio, Television, and Film 340	3
Radio, Television, and Film Elective	3
Speech Communication 305, 311, 350, 403	12
Electives	6
	33

SENIOR YEAR	SEM. HRS.
Journalism 425	3
Journalism Elective	3
Management 455	3
Radio, Television, and Film elective	3
Speech Communication 330, 410, 417, 450	12
Electives	9
	33
TOTAL:	128

Bachelor of Science Degree

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
History 101, 102 or 140, 141	
Mathematics 101 or 120	3
Physical Education or ROTC/ AFROTC (This requirement may also be met by participation in varsity athletics or associated activities)	2
Science	12
Elective	3
	32

SOPHOMORE YEAR	SEM. HRS.
English 203, 204	6
Journalism 102	3
Other Courses (from the following areas, with no more than three hours from any one area: Allied Arts 100 or Music 365, anthropology, economics, geography, philosophy, political science, psychology, speech communication)	21
Radio, Television, and Film 200	3
	33

JUNIOR YEAR	SEM. HRS.
English 332	3
Journalism 421	3
Management 360	3
Radio, Television, and Film 340	3
Radio, Television, and Film Elective	3
Speech Communication 305, 311, 350, 403	12
Electives	3
	30

SENIOR YEAR	SEM. HRS.
Journalism 425	3
Journalism Elective	3
Management 455	3
Radio, Television, and Film elective	3
Speech Communication 330, 410, 417, 450	12
Electives	9
	33
TOTAL:	128

DEPARTMENT OF CRIMINAL JUSTICE

Tyler H. Fletcher, Chairman
Hattiesburg, MS 39406-5127
(601) 266-4512

The Department of Criminal Justice offers an interdisciplinary major leading to a Bachelor of Arts or Bachelor of Science degree, and a minor. Major fields of emphasis are offered in corrections, juvenile justice, and in law enforcement.

Requirements for the major are a minimum of thirty-nine (39) hours of course work in criminal justice, not including the field practicum (CJ 400), and two blocks of study drawn from philosophy, counseling psychology, political science, or sociology, depending

upon the field of emphasis selected. The interdisciplinary blocks contain 12 hours of course work each, and are structured to strengthen understanding of the applied behavioral sciences and the humanities. Courses in the juvenile justice concentration are specifically structured to meet the educational guidelines of the U.S. District Court, Southern District of Mississippi, as pertains to youth services of the state.

Special needs of the student to support other career demands can be met by changing the interdisciplinary blocks to; computer science, psychology, forensic science, management, philosophy, or geography and area development if approved by the department chairman. Normally the Bachelor of Arts option will contain a philosphy block.

Requirements for the minor are eighteen (18) hours of course work in criminal justice, including CJ 200.

BACHELOR OF SCIENCE CORE REQUIREMENTS

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
History 101 and 102 or 140 and 141	6
Mathematics	3
Other Courses: political science, health and safety education, sociology	9
physical education (or approved substitution) or ROTC/AFROTC	2
Science (Fundamentals of Science)	6
	32

SOPHOMORE YEAR	SEM. HRS.
Criminal Justice 200	3
English 203, 204, 333	9
Other Courses: anthropology, geography, allied arts, philosophy, psychology, speech and communications	12
Science (Forensic Science 340, 341)	8
	32

BACHELOR OF ARTS CORE REQUIREMENTS

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
Foreign Language	6
History 101 and 102 or 140 and 141	6
Mathematics	3
Other Courses: political science, health and safety education, sociology, or philosophy)	9
Physical Education (or approved substitution) or Elective	3
	32

SOPHOMORE YEAR	SEM. HRS.
Criminal Justice 200	3
English 203, 204, 333	9
Foreign Language	6
Other Courses: anthropology, geography, allied arts, psychology, or speech and communications	3
Science (Forensic Science 340, 341)	8
	32

BACHELOR OF SCIENCE OR BACHELOR OF ARTS

Corrections Emphasis

JUNIOR YEAR	SEM. HRS.
Counseling Psychology 101, 210, 312, 361, 430 or 433	12
Criminal Justice 325, 330, 351, 352, 353, 400*	15
Political Science 302, 380	6
	33

SENIOR YEAR	SEM. HRS.
Counseling Psychology 423, 433	6
Criminal Justice 360, 341 450, 451, 452, 461	18
Forensic Science 440	3
Political Science 480, 481	6
Electives	3
	36

BACHELOR OF SCIENCE OR BACHELOR OF ARTS

Juvenile Justice Emphasis

JUNIOR YEAR	SEM. HRS.	SENIOR YEAR	SEM. HRS.
Counseling Psychology 101, 210, 312, 361, 430 or 433	12	Criminal Justice 341, 352, 450, 452, 460 461, 462, 463	24
Criminal Justice 325, 330, 351, 353, 360, 361, 400*	18	Forsenic Science 440	3
Electives in Behavioral Sciences	3	Sociology 444	3
	33		30

BACHELOR OF SCIENCE OR BACHELOR OF ARTS

Law Enforcement Emphasis

JUNIOR YEAR	SEM. HRS.	SENIOR YEAR	SEM. HRS.
Criminal Justice 325, 330, 340, 341, 342, 352, 400*, 430	21	Criminal Justice 332, 370, 433, 463, 470	15
Political Science 380	3	Political Science 480, 481	6
Philosophy 356, 453	6	Forensic Science 440	3
Electives	4	Electives	6
	34		30

*CJ 400 is offered only in the junior or senior year summer sessions to Criminal Justice Majors, unless otherwise approved by the chairman.

DEPARTMENT OF ENGLISH

Donald Yannella, Chairman
Hattiesburg, MS 39406-5037
(601) 266-4319

ENGLISH PROGRAMS

The English major may earn a Bachelor of Arts or a Bachelor of Science degree with or without teaching accreditation. In addition to traditional programs in literature, the English Department sponsors specialized programs in Linguistics, TESOL, and Creative Writing. For assistance in selecting the appropriate program, students should consult an adviser in the English Department. Students working toward any degree must include in their programs the required core subjects. Information on the master's, the specialist, and Doctor of Philosophy programs can be found in the **Graduate Bulletin.**

The undergraduate major in English consists of a total of thirty-six (36) hours beyond the freshman level. At least twenty-one (21) hours must be earned at the junior and senior level; however, it is strongly recommended that majors take twenty-four (24) hours at that level. Majors desiring state certification in English should contact the English Department to learn the current requirements.

Students should take some sophomore level work before enrolling in junior level courses and some junior work before enrolling in senior courses. Students must include among their advanced courses at least one in each of the following categories: (1) English or World Literature before 1700, or Linguistics; (2) English or World Literature after 1700; (3) American Literature. Analysis of Literature (ENG 340) is required of all English majors. For Teacher Certification, students must take a course in American Literature; two in

English Literature, one of which must be Shakespeare. Advanced Grammar (ENG 401); History of the English Language (ENG 406); Survey of Contemporary Literature (ENG 379); and twelve (12) semester hours in one of the following related areas: reading, journalism, a foreign language, or communication.

An undergraduate minor in English requires a total of eighteen (18) hours beyond Freshman English, including at least nine (9) at the junior or senior level. If state certification is desired, the student should contact the English Department to learn the current requirements.

REQUIREMENTS FOR A BACHELOR OF ARTS DEGREE IN ENGLISH

FRESHMAN YEAR	SEM. HRS.
English 101 and 102	6
Foreign Language	6
Free Elective	3
History (101 and 102 or 140 and 141 are recommended)	3
Mathematics (101 or 120 is recommended	3
Physical Education or ROTC/ AFROTC (This requirement may also be met by participation in varsity athletics or associated activities.)	2
Science	6
	32

SOPHOMORE YEAR	SEM. HRS.
American Literature	3
English (200 level literature courses are recommended)	6
Foreign Language (Fewer hours may suffice, but a course of intermediate level II must be completed: see Foreign Language courses.)	6
Free Elective	3
Other Courses from the following areas, with no more than three hours from any one area: Allied Arts 100 or Music 365, anthropology, geography, political science, speech communication, sociology	12
	30

JUNIOR YEAR	SEM. HRS.
English or World Literature before 1700 or Linguistics	3
English Electives	6
Electives	6
English 340 Analysis of Literature (meets core requirement for a 300-level composition course	3
Free Electives	15
	33

SENIOR YEAR	SEM. HRS.
English Electives (9 hours at 400 level)	12
English or World Literature after 1700	3
Free Electives	18
	33
TOTAL:	128

REQUIREMENTS FOR A BACHELOR OF SCIENCE DEGREE IN ENGLISH

FRESHMAN YEAR	SEM. HRS.
English 101 and 102	6
History (101 and 102 or 140 and 141 are recommended)	6

SOPHOMORE YEAR	SEM. HRS.
English (200 level literature courses are recommended)	6
English Electives	6

Mathematics (101 or 120 is recommended) 3
Physical Education or ROTC/AFROTC (This requirement may also be met by participation in varsity athletics or associated activities.) 2
Science 12
communication, sociology) 21
29

Other Courses (from the following areas, with no more than three hours from any one area: Allied Arts 100 or Music 365, anthropology, economics, geography, philosophy, political science, psychology, speech 21
33

JUNIOR YEAR	SEM. HRS.
American Literature	3
English Electives	9
English or World Literature before 1700 or Linguistics	3
English 340 Analysis of Literature	3
Free Electives	15
	33

SENIOR YEAR	SEM. HRS.
English or World Literature after 1700	3
English Electives (400 level)	9
Free Electives	21
	33
TOTAL:	128

REQUIREMENTS FOR A BACHELOR OF ARTS DEGREE IN ENGLISH WITH CERTIFICATION*

FRESHMAN YEAR	SEM. HRS.
English 101 and 102	6
*Foreign Language	6
History (101 and 102 or 140 and 141 are recommended)	6
Mathematics (101 or 120 is recommended)	3
Physical Education or ROTC/AFROTC (This requirement may also be met by participation in varsity athletics or associated activities.)	2
Psychology 110	3
Science (biological science)	6
	32

SOPHOMORE YEAR	SEM. HRS.
Allied Arts 100 or Music 365	3
English (200 level literature courses are recommended)	6
Foreign Language (Fewer hours may suffice, but a course of intermediate level II must be completed; see Foreign Language courses.)	6
Health and Safety Education 101	3
Other Courses (from the following areas, with no more than three hours from any one area: anthropology, geography, political science, philosophy, sociology)	6
Speech Communication	3
Science (physical science)	6
	33

*Twelve hours in a foreign language will satisfy teacher certification requirements for twelve hours in a related area.

JUNIOR YEAR	SEM. HRS.
American Literature	3
English Electives (400 level)	6
English 340, 379, 454 or 455	9
English or World Literature before 1700 or Linguistics	3

SENIOR YEAR	SEM. HRS.
Curriculum Instruction: CIS 422, 454, 313, 484	18
English or World Literature after 1700	3
Special Education 400	3

Educational Psychology 372, 374	6
Research and Foundations 400	3
Curriculum and Instruction: CIS 310	3
	33
English 401 and 406	6
Research and Foundations 469	3
	33
TOTAL:	131

REQUIREMENTS FOR A BACHELOR OF SCIENCE DEGREE IN ENGLISH WITH CERTIFICATION

FRESHMAN YEAR	SEM. HRS.
English 101 and 102	6
Allied Arts 100 or Music 365	3
History (101 and 102 or 140 and 141 are recommended)	6
Mathematics (101 or 120 is recommended)	3
Physical Education or ROTC/AFROTC (This requirement may also be met by partipation in varsity athletics or associated activities.)	2
Psychology 110	3
Science (biological science)	6
*Elective in related area	3
	32

SOPHOMORE YEAR	SEM. HRS.
English (200-level literature courses are recommended)	6
*Electives in related area	6
Health and Safety Education 101	3
other Courses (from the following areas, with no more than three hours from any one area: anthropology, economics, geography, philosophy, political science, sociology)	12
Speech Communication	3
Science (physical science)	6
	36

*Related Area. Twelve hours in one related area (Foreign Languages, Reading, Journalism, or Communications) are required for teacher certification.

JUNIOR YEAR	SEM. HRS.
American Literature	3
English Electives (400 level)	6
English 340, 379, 454 or 455	9
English or World Literature before 1700 or Linguistics	3
Educational Psychology 372, 374	6
Research and Foundations 400	3
Curriculum and Instruction: CIS 310	3
*Elective in related area	3
	36

SENIOR YEAR	SEM. HRS.
Curriculum Instruction: CIS 313, 422, 454, 484	18
Special Education 400	3
English 401 and 406	6
English or World Literature after 1700	3
Research and Foundations 469	3
	33
TOTAL:	137

LINGUISTICS

Bonnie C. Brinegar, Director
Hattiesburg, MS 39406-5037
(601) 266-4333

The English Department offers a linguistics emphasis which is interdisciplinary in nature and is drawn from the Departments of English and Foreign Languages, as well as other departments offering linguistically related courses. It is primarily designed as preparation for careers calling for proficiency in the use and/or analysis of languages: teaching languages (including English either as a first or second language), government service, businesses with overseas operations, and international relations. Students entering this program will be assigned an adviser by the director of the program.

Requirement for an Emphasis in Linguistics

FRESHMAN YEAR	SEM. HRS.
English 101 and 102	6
Foreign Language	6
Free Elective	3
History (101 and 102 or 140 and 141 are recommended)	6
Mathematics (101 or 120 is recommended)	3
Physical Education or ROTC/ AFROTC (This requirement may be met by participation in varsity athletics or associated activities)	2
Science	6
	32

SOPHOMORE YEAR	SEM. HRS.
Electives	6
English (200-level literature courses are recommended)	6
Foreign Language (Fewer hours may suffice, but a course of intermediate level II must be completed; see Foreign Language courses)	6
Other Courses (from the following areas, with no more than three hours from any one area: Allied Arts 100 or Music 365, anthropology, geography, political science, philosophy, speech communication, sociology	12
	30

JUNIOR YEAR	SEM. HRS.
Electives	15
English 340, 402, 403	9
Elect one course from: FL 400, 412, 422, or 472	3
Speech and Hearing Sciences 201	3
Speech Communication 210	3
	33

SENIOR YEAR	SEM. HRS.
Anthropology 311 or 411	3
Speech and Hearing Sciences 401	3
Elect 6 hours from English 401, 406, 409	6
Electives	21
	33
TOTAL:	128

Linguisitics is NOT a certification area in Mississippi. Linguistics majors who plan to teach in secondary schools must satisfy state certification requirements in a subject area such as English, speech, or a foreign language. If state certification in English is desired, the student shouuld contact the Department of English to learn the current requirements.

Total hours for graduation may vary depending on certification areas.

TESOL

Bonnie C. Brinegar, Director
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(601) 266-4333

Students majoring in English with an emphasis in Teaching English to Speakers of Other Languages (TESOL) will be certified to teach English to non-native speakers both

in the United States and abroad as well as to teach English to native speakers in Mississippi. In addition, students in the TESOL program meet the requirements for foreign language certification in Mississippi, provided that 2 units in the modern language elected have been earned in high school and that the eighteen (18) hours earned at the University begin at the intermediate level, or that twenty-four (24) hours of that language are taken at the university level.

By meeting either the English or foreign language major requirements, TESOL students automatically receive NCATE certification to teach English or a foreign language to English speakers in thirty-one states.

Requirements for an Emphasis in TESOL

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
Allied Arts 100 or Music 365	3
Foreign Language	6
History (101 and 102 or 140 and 141 are recommended	6
Mathematics (101 or 120 is recommended)	3
Physical Education or ROTC/ AFROTC (This requirement may also be met by participation in varsity athletics or associated activities.)	2
Science (biological)	6
Health and Safety Education 101	3
	35

SOPHOMORE YEAR	SEM. HRS.
English (200-level literature courses are recommended)	6
Foreign Language	6
Other Course (from the following areas: anthropology geography, political science, sociology)	2
Psychology 110	3
Speech Communication	3
Science (physical)	6
Latin	3
English 379	3
	33

JUNIOR YEAR	SEM. HRS.
Curriculum and Instruction: CIS 310	3
English 340, 401, 402, 403	12
English 454 or 455	3
English Literature After 1700	3
Educational Psychology 372, 374	6
Foreign Language	6
Research Foundations 400	3
	36

SENIOR YEAR	SEM. HRS.
Curriculum and Instruction: CIS 313, 422, 454, 484	18
English 406	3
English 370, 470 or 489	3
Special Education 400	3
Speech and Hearing Sciences 201	3
Research and Foundations 469	3
	33
TOTAL:	137

Center for Writers

Frederick Barthelme, Director
Hattiesburg, MS 39406-5037
(601) 266-4323

The Center for Writers, functioning under the aegis of the Department of English, offers interested undergraduates the opportunity to specialize in poetry or fiction writing within the context of the basic English BA degree.

A cohesive sequence of workshop courses of increasing difficulty encourages the gifted student writer to locate and focus his or her talent, and to observe and participate in the process of teaching creative writing.

A companion group of theory and literature courses places emphasis on contemporary and current writing, literary theory, and criticism in English and in translation.

The Center sponsors two publications: **Mississippi Review**, a national journal of fiction, poetry, and criticism; and **Product**, a student publication geared to publish and circulate within the University community the very best student writing.

Specialization in creative writing is available by arrangement with the Director of the Center for Writers.

DEPARTMENT OF FOREIGN LANGUAGES

Editha S. Neumann, Chairman
Hattiesburg, MS 39406-5038
(601) 266-4964

Candidates for either the Bachelor of Arts or the Bachelor of Science degree may choose a major or minor in German, Spanish, or Classics. Admission to the degree programs in French has been suspended as a result of the action taken by the Board of Trustees of State Institutions of Higher Learning on November 19, 1981. Students who at that particular time were enrolled in these programs may complete the curriculum required for the French major. A minor in French is still available to new students.

Each foreign language major requires minimum of thirty-six (36) semester hours. The minor requires eighteen (18) hours. Students choosing to major in Classics must complete a minimum of twenty-one (21) hours in Latin and supplementary studies of Greek for a total of the necessary hours of credit. Programs in Italian and Russian are also available, although they do not establish an academic major or minor. Language areas are indicated in the course titles. Where no single language is named, the course is open to students studying any foreign language, and such courses are applicable toward the degree programs in various language areas.

From time to time accelerated courses are offered at the beginning and intermediate levels. These courses have certain advantages for the student and allow rapid acquisition of a foreign language.

Students may begin programs of specialization at an early date in their foreign language training. In cooperation with other departments at this University, the Department of Foreign Languages has established a number of formal and informal programs for the student who wishes to prepare for a career in which bilingualism can be an advantage. The department offers, for example, courses that emphasize or supplement training in the following areas: linguistics, translation, banking, and business administration in connection with Common Market countries, government and diplomatic service, the military, foreign language teaching, literature, resource management, community and regional planning, and bilingual secretarial skills. For assistance in devising a suitable curriculum, students should consult as soon as possible with a foreign language adviser. Since the beginning language courses are combinations of historical, cultural, and language material, they can function as electives for students in liberal arts, the sciences, and education, even though these students are pursuing neither a major nor a minor in the department.

Credit earned for study abroad (FL 301, FL 401) will exempt students from equivalent courses required in their major (usually conversation and culture courses, and possibly a reading course if a literature course was taken abroad).

Those students who have already studied the language they wish to continue here will enter the curriculum at an appropriate level. For a major, they must complete the thirty (30) hour requirement in their language area.

Because proficiency, and not hours of credit, is the basis for continuing study of a language, every course in the department has as its prerequisite the consent of the instructor. All students are expected to take courses that will be challenging and profitable for them, neither too elementary nor too advanced.

Students interested primarily in literature should include in their advanced studies a series of courses treating literary topics and literary history. Those emphasizing language arts, linguistics, or translation skills should include FL 301, 400, and 403. Prospective teachers should enroll in FL 404, in addition to regular language courses and the courses necessary to meet requirements for teacher certification. Those wishing to gain language skills for becoming bilingual secretaries, public relation consultants, businessmen, resource managers, airline stewardesses or stewards, area specialists, etc., should include advanced language and culture courses and FL 403.

Any student taking a foreign language course has access to the Foreign Language Laboratory and may be required to attend laboratory or drill sessions each week in connection with regular classroom meetings. Required laboratory exercises and drill sessions are at the discretion of the instructor and may vary from week to week.

Course Requirements in Foreign Languages

German

The student majoring in German must include FL 323, FL 421, FL 424, and either FL 425, or FL 426.

Spanish

The student majoring in Spanish must include FL 373, FL 471, FL 474, and either FL 473 or FL 475.

Listed below are the common requirements for various degree programs. Electives in these programs may be used to establish a minor or to fulfill requirements in a second major. The programs leading to the BA degree are recommended for the student who plans to pursue graduate studies. The program leading to the degree without teaching option are designed for the student who wishes to establish a second major in another field. The student preparing to teach at the secondary school level must complete the requirements set forth in the degree program plans with teaching option. These plans include: (1) an academic major in a foreign language, (2) the BS core requirement, College of Liberal Arts, (3) the General Core requirements, College of Education and Psychology, (4) the requirements of the secondary education minor. The suggested sequences may be modified to meet a student's specific program and schedule needs.

REQUIREMENTS FOR THE BACHELOR OF ARTS DEGREE IN GERMAN OR SPANISH

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
Foreign Language	6
French: 111, 112, or German: 121, 122, or Spanish: 171, 172	
History (101 and 102 are recommended)	6
Mathematics (101 or 120 is recommended)	3
Science	6
Physical Education or ROTC/AFROTC (This requirement may also be met by participation in varsity athletics or associated activities.)	2
Elective or minor	3
	32

SOPHOMORE YEAR	SEM. HRS.
English (200-level literature courses are recommended)	6
Foreign Language	6
French: 211, 212, or German: 221, 222, or Spanish: 271, 272	
Foreign Language (other than academic major)	6
Other Courses (from the following areas, with no more than three hours from any one area: Allied Arts 100 or Music 365, anthropology, geography, political science, philosophy, speech communication, sociology)	12
Elective or minor	3
	33

JUNIOR YEAR	SEM. HRS.
English 332, 333, or 334	3
Foreign Language (301 is recommended; may substitute for one to three courses in the major area) French: 311, 313, and one approved elective German: 321, 323, and one approved elective Spanish: 371, 373, and one approved elective	12
Foreign Language (other than academic major, continued)	6
Electives or minor	12
	33

SENIOR YEAR	SEM. HRS.
Foreign Language (401 is recommended, or the following options) French: 411 (or 406), 413, and one approved elective German: 421 (or 406), 423, and one approved elective Spanish: 471 (or 406), 473, and one approved elective	12
Electives or minor	18
	30
TOTAL:	128

REQUIREMENTS FOR THE BACHELOR OF SCIENCE DEGREE IN GERMAN OR SPANISH

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
Foreign Language French: 111, 112, or German: 121, 122, or Spanish: 171, 172	6
History (101 and 102 are recommended)	6
Mathematics (101 or 120 is recommended)	3
Science	6
Other Courses (from the following areas, with no more than three hours from any one area: Allied Arts 100 or Music 365, anthropology, economics, geography, Health and Safety Education 101, philosophy, political science, psychology, speech communication, sociology)	6
	33

SOPHOMORE YEAR	SEM. HRS.
English (200-level literature courses are recommended)	6
Foreign Language French: 211, 212, or German: 221, 222, or Spanish: 271, 272	6
Physical Education or ROTC/AFROTC (This requirement may also be met by participation in varsity athletics or associated activities.)	2
Science	6
Other Courses (from the areas listed in the Freshman Year)	12
	32

JUNIOR YEAR	SEM. HRS.
English (300 level or above)	3
Foreign Language (301 is recommended; may substitute for one to three courses in the major area) French: 311, 313, and one approved elective German: 321, 323, and one approved elective	12

SENIOR YEAR	SEM. HRS.
Foreign Language French: 411 (or 406), 413, and one approved elective German: 421 (or 406), 423, and one approved elective Spanish: 471 (or 406), 473, and one approved elective	12
Minor	9
Electives	9

Spanish 371, 373, and one approved elective	
Other Courses (from the areas listed in the Freshman Year)	3
Minor	9
Electives	6
	33
	30
TOTAL:	128

REQUIREMENTS FOR THE BACHELOR OF ARTS DEGREE, TEACHING OPTION, IN GERMAN OR SPANISH

FRESHMAN YEAR	SEM. HRS.
Allied Arts 100 or Music 365	3
English 101, 102	6
Foreign Language French: 111, 112 German: 121, 122 Spanish: 171, 172	6
History (101 and 102 are recommended)	6
Mathematics (101 or 120 is recommended)	3
Science (biological science)	6
Psychology 110	3
Physical Education or ROTC/AFROTC (This requirement may also be met by participation in varsity athletics or associated activities	2
	35

SOPHOMORE YEAR	SEM. HRS.
English (200-level literature course are recommended)	6
Foreign Language French: 211, 212 German: 221, 222 Spanish: 271, 272	6
Foreign Language (other than academic major)	6
Science (physical science)	6
Speech Communication	3
Other Courses (from the following areas, with no more than three hours from any one area: anthropology, economics, geography, philosophy, political science, sociology)	6
	36

JUNIOR YEAR	SEM. HRS.
English (300 level or above)	3
Foreign Language Major, continues (300 level or above)	12
Foreign Language (other than academic major, continued)	6
Education Psychology 372, 374	6
Research and Foundations 400	3
Curriculum and Instruction 310	3
	33

SENIOR YEAR	SEM. HRS.
Foreign Language Major, continued (300 level or above)	12
Research and Foundations 469	3
Special Education	3
Curriculum and Instruction: CIS 310, 313, 422 (3 hrs. each) CIS 485 (9 hrs.)	18
	36
TOTAL:	140

REQUIREMENTS FOR THE BACHELOR OF SCIENCE DEGREE TEACHING OPTION, IN GERMAN, OR SPANISH

FRESHMAN YEAR	SEM. HRS.
Allied Arts 100 or Music 365	3
English 101 and 102	6
Foreign Language French: 111, 112 German: 121, 122 Spanish: 171, 172	6
History (101 and 102 are recommended)	6

SOPHOMORE YEAR	SEM. HRS.
English (203 and 204 are recommended	6
Foreign Language French: 211, 212, German: 221, 222 Spanish: 271, 272	6
Health and Safety Education 101	3
Psychology 110	3

Mathematics	3
Science (biological science)	6
Physical Education or ROTC/AFROTC (This requirement may also be met by participation in varsity athletics or associated activities)	2
	32

Speech Communication	3
Science (physical science)	6
Other courses (from the following areas, with no more than three hours from any one area: Anthropology, economics, geography, philosophy, political science, sociology)	6
	33

JUNIOR YEAR	SEM. HRS.
English (300 level or above)	3
Foreign Language Major, continued (300 level or above)	12
Other Courses (see listing in Sophomore year)	6
Educational Psychology 372, 373	6
Research and Foundations 400	3
Curriculum and Instruction 310	3
	33

SENIOR YEAR	SEM. HRS.
Foreign Language Major, continued (300 level or above)	12
Research and Foundations 469	3
Special Education	3
Curriculum and Instruction CIS 310, 313, 422 (3 hrs. each) CIS 485 (9 hrs.)	18
	36
TOTAL:	134

REQUIREMENTS FOR THE BACHELOR OF SCIENCE DEGREE, TEACHING OPTION FOR LATIN, IN CLASSICS

FRESHMAN YEAR	SEM. HRS.
Allied Arts 100 or Music 365	3
English 101 and 102	6
Foreign Language Latin: 151, 152	6
History (101 and 102 are recommended)	6
Mathematics	3
Science (biological science)	6
Physical Education or ROTC/AFROTC (This requirement may also be met by participation in varsity athletics or associated activities)	2
	32

SOPHOMORE YEAR	SEM. HRS.
English (303 and 204 are recommended)	6
Foreign Language Latin: 251, 252 Greek: 131, 132	12
Health and Safety Education 101	3
Psychology 110	3
Speech Communication	3
Science (physical science)	6
Other Courses (from the following areas, with no more area: Anthropology, economics, geography, philosophy, political science, sociology)	3
	36

JUNIOR YEAR	SEM. HRS.
English (300 level or above)	3
Foreign Language Latin: 455 (6 hrs.) Greek: 431, 432	12
Other Courses (see listing in Sophomore year)	9
Educational Psychology 372, 373	6
Research and Foundations 400	3
Curriculum and Instruction 310	3
	36

SENIOR YEAR	SEM. HRS.
Foreign Language (3 hrs. must be in Latin and 3 hrs. in another classicss course)	6
Research and Foundations 469	3
Special Education	3
Curriculum and Instruction CIS 310, 313, 422 (3 hrs. each) CIS 485 (9 hrs.)	18
	30
TOTAL:	134

REQUIREMENTS FOR THE BACHELOR OF ARTS DEGREE IN CLASSICS

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
Foreign Language Latin: 151, 152	6
History (101 and 102 are recommended)	6
Science	6
Physical Education or ROTC/AFROTC (This requirement may also be met by participation in varsity athletics or associated activities	2
Elective or minor	3
	32

SOPHOMORE YEAR	SEM. HRS.
English (203 and 204 are recommended)	6
Foreign Language Latin: 251, 252, and Greek: 131, 132, and A modern foreign language, elementary level I and II	18
Other Courses (from the following areas, with no more than three hours from any one area: Allied Arts 100 or Music 365, anthropology, geography, political science, philosophy, speech communication, sociology	6
Elective or minor	3
	33

JUNIOR YEAR	SEM. HRS.
English (300 level or above)	3
Foreign Language Latin: 455 (6 hrs.) and Greek: 431, 432, and a modern foreign language, intermediate level I and II	18
Other Courses (see listing in Sophomore year)	6
Electives or minor	6
	33

SENIOR YEAR	SEM. HRS.
Foreign Language (3 Hrs. Must be in Latin and 3 hrs. in another classics course)	6
Electives or minor	24
	30
TOTAL:	128

DEPARTMENT OF GEOGRAPHY AND AREA DEVELOPMENT

Robert W. Wales, Chairman
Hattiesburg, MS 39406-5051
(601) 266-4729

Career opportunities in city and community planning, human resources analysis, climatology, water resource management, cartography, computer mapping, remote sensing and teaching are available through several professional degree programs. The department's undergraduate programs also provide preparatory work for professional positions in economic and industrial development where a master's degree may be required. Consult the **Graduate Bulletin** for information on graduate programs in both economic development and geography.

Undergraduate courses in Geography may be categorized into four groups: **regional** (400 and 402 sequence), **techniques** (310 plus 410 through 419 sequence), **planning** (450 through 470 sequence) with the remaining courses numbered above 300 being **topical** (which includes courses in physical and human geography).

Students entering the Department of Geography and Area Development will major in one of three degree-granting programs offered through the department. These include:

1. Bachelor of Arts in Geography
2. Bachelor of Science in Geography
3. Bachelor of Science in Community and Regional Planning

REQUIREMENTS FOR A MAJOR IN GEOGRAPHY

A student majoring in Geography will work toward either the Bachelor of Science or Bachelor of Arts degree. The student, working closely with an adviser, will tailor the course work to fit his career goal. All students pursuing a major in Geography must complete the following requirements, which include a minimum of thirty-six (36) hours in the department and a minor:

	Hours
General Core for the College of Liberal Arts (including Geography (GHY) 102 or 103)	59
Professional Requirements	
GHY 310, 331, and 350	9
GHY 323 and 324 or 325/325L	6-7
One 400-level GHY techniques course	3
Electives in GHY (may include 102 or 103)	18-20
Minor Requirements	18
Electives	15
Total	128

The department also offers a Bachelor of Science teaching degree with a minor or major in Secondary Education. The geography requirements for this program are similar to those listed for the BS degree in Geography. The minor requirements may be found elsewhere in this **Bulletin** under Secondary Teacher Education. Prospective majors should contact an adviser in both Geography and Secondary Education as soon as practical after enrollment.

REQUIREMENTS FOR A BACHELOR OF ARTS DEGREE IN GEOGRAPHY

FRESHMAN YEAR	SEM. HRS.
English 101 and 102	6
History (101 and 102 or 140 and 141 are recommended)	6
Science	6
Foreign Language	6
Mathematics (101 or 120 is recommended)	3
Physical Education or ROTC/AFROTC (This requirement may also be met by participation in varsity athletics or associated activities.)	2
Geography 102 or 103	3
	32

SOPHOMORE YEAR	SEM. HRS.
English (200-level literature courses are recommended)	6
Foreign Language (Fewer hours may suffice, but intermediate level II must be completed; see Foreign Language courses.)	6
Geography 310	3
Other Courses (from the following areas, with no more than 3 hours from any one area: Allied Arts 100 or Music 365, anthropology, economics, speech communication, sociology)	9
Two courses from minor field	6
	30

JUNIOR YEAR	SEM. HRS.
English 333 or 334 is recommended)	3
Geography 331, 350, 323 and 324 or 325/325L	33-34
Two additional topical courses in Geography	6
Two courses from minor field	6
Elective	6
	33-34

SENIOR YEAR	SEM. HRS.
One 400-level techniques course in Geography	3
Three Geography electives	9
Two courses from minor field	6
Electives	15
	33
TOTAL:	128

REQUIREMENTS FOR A BACHELOR OF SCIENCE DEGREE IN GEOGRAPHY

FRESHMAN YEAR	SEM. HRS.
English 101 and 102	6
History (101 and 102 or 140 and 141 are recommended)	6
Mathematics (101 or 120 is recommended)	3
Physical Education or ROTC/AFROTC (This requirement may also be met by participation in varsity athletics or associated activities)	2
Geography 102 or 103	3
Science	12
	32

SOPHOMORE YEAR	SEM. HRS.
English (200-level literature courses are recommended	6
Geography 310	3
Other Courses (from the following areas, with no more than 3 hours from any one area: Allied Arts 100 or Music 365, anthropology, economics, Health and Safety Education 101, philosophy, political science, psychology, speech communication, sociology)	18
one course from minor field	3
	30

JUNIOR YEAR	SEM. HRS.
English (333 or 334 is recommended)	3
Geography 331, 350, 323 and 324 or 325/325L	12-13
Two additional topical courses in Geography	6
Two courses from minor field	6
Elective	6
	33-34

SENIOR YEAR	SEM. HRS.
One 400-level techniques course in Geography	3
Three Geography electives	9
Two courses from minor field	9
Electives	12
	33
TOTAL:	128

THE COMMUNITY AND REGIONAL PLANNING PROGRAM

Joseph E. Flynn, Director
Hattiesburg, MS 39406-5051
(601) 266-4729

The general objectives of the Community and Regional Planning program are to provide:

(1) A basic core of practical training and course work in community planning;
(2) A generalized interdisciplinary core of related training, primarily in behavioral and scientific knowledge, and in technical skills;
(3) A base upon which students can build a program of graduate study in community and regional planning, or the social and environmental professions; and
(4) A general but systematic background for students who intend to assume positions in planning and planning-related professions without further formal study.

Through choices in electives students may specialize in such areas as community development, environmental planning, urban design, energy planning and management, policy analysis and economic development.

REQUIREMENTS FOR A BACHELOR OF SCIENCE DEGREE IN COMMUNITY AND REGIONAL PLANNING

FRESHMAN YEAR	SEM. HRS.
English 101 and 102	6
History (101 and 102 or 140 and 141 are recommended)	6

SOPHOMORE YEAR	SEM. HRS.
English (203 or 300 is recommended)	3
Geography 310, 325/325L and 360	10
Other Courses (Sociology 101, Economics	

Mathematics (101 is recommended)..... 3
Speech Communication 111..... 3
Physical Education or ROTC/AFROTC (This requirement may also be met by participation in varsity athletics or associated activites.)..... 2
Science 12
32

JUNIOR YEAR **SEM. HRS.**

English (333 or 334 is recommended).... 3
Geography (411, 461, and 463 are required)..... 9
Other Courses (seven courses should be selected from: Journalism 421; Economics 422, 424, 480; Sociology 240, 310; Political Science 301, 402, 470; Environmental Science 403, 405; Recreation 432, 434, 436; Real Estate 330, 460; Geography 370 422, 451, 452, 453, 460, 470, 472, 474, 475)..... 21
33

255, Political Science 101, Anthropology 101 or 212, Geography 350 or 362, and Health and Safety Education 101 are recommended)..... 18
31

SENIOR YEAR **SEM. HRS.**

English (333 or 334 is recommended).... 3
Geography (413, 415, 450, 462, 464, 465, 466, 469, and 491*are required)..... 24
Elective..... 6
33

TOTAL: 129

*The internship will generally be taken during the summer between the junior and senior year.

DEPARTMENT OF HISTORY

William K. Scarborough, Chairman
Hattiesburg, MS 39406-5047
(601) 266-4333

The Department of History participates in programs leading to the degrees of the Bachelor of Arts, the Bachelor of Science, the Master of Arts, the Master of Science, the Specialist in History, and the Doctor of Philosophy. For the master's and doctoral degrees, please consult the **Graduate Bulletin.** The department participates and advises in the Social Studies, American Studies, and Latin American Studies interdisciplinary degree programs.

COMMON REQUIREMENTS FOR A MAJOR IN HISTORY

An undergraduate student majoring in History may elect either the Bachelor of Arts or the Bachelor of Science degree program. He may certify to teach in the field of social studies at the secondary level under either of the above degree plans by taking the necessary education and psychology courses. He should consult with his adviser to determine which degree plan to follow and what education and psychology courses are required.

Students majoring in History must take thirty-six (36) hours which, regardless of the degree plan, must include History (HIS) 101, 102, and HIS 140, 141. Of the twenty-four (24) remaining hours required for the major, no more than twelve (12) hours of advanced course work can be selected from any one of the three following course areas: (1) American History, (2) European History, (3) Other (Latin American, Far East, and other non-American, non-European courses). Students who have satisfied the thirty-six (36) hour major requirement may take additional advanced courses in history in any area they prefer.

COMMON REQUIREMENTS FOR A MINOR IN HISTORY

The student minoring in History should take twenty-one (21) hours in history which should include HIS 101 and 102.

Teacher Certification

The history major working toward the Bachelor of Science teaching degree with a secondary school license in social studies must include in his program (1) the education courses required for the Class A teaching certificate (education will normally be the minor for a history major seeking a teacher's license); and (2) the following social studies courses either as core or electives: economics (6 hours), political science (6 hours), geography (6 hours), sociology (3 hours), Mississippi History (3 hours).

BACHELOR OF ARTS DEGREE IN HISTORY

FRESHMAN YEAR	SEM. HRS.
English 101 and 102	6
Foreign Language	6
History 101 and 102	6
Mathematics (101 or 120 are recommended.)	3
Physical Education	2
Science	6
	29

SOPHOMORE YEAR	SEM. HRS.
English (200-level literature courses are recommended.)	6
Foreign Language (Fewer hours may suffice, but a course of intermediate level II must be completed; see Foreign Languages courses.)	6
History 140 and 141	6
Other Courses (from the following areas with no more than 3 hours from any one area) Allied Arts 100 or Music 365, anthropology, geography, political science, philosophy, speech communication, sociology	12
	30

JUNIOR YEAR	SEM. HRS.
English 332, 333, or 334	3
Advanced History Electives	12
Minor Electives (Minors vary from 18 to 27 hours.)	9
General Electives	9
	33

SENIOR YEAR	SEM. HRS.
Advanced History Electives	12
Advanced Minor Electives	12
General Electives	12
	36
TOTAL:	128

BACHELOR OF SCIENCE DEGREE IN HISTORY (Non-Teaching)

FRESHMAN YEAR	SEM. HRS.
Allied Arts 100 or Music 365, anthropology, economics, geography, Health and Safety Education 101, philosophy, political science, psychology, speech communication, sociology, (no more than 3 hours from any area)	9
English 101 and 102	6
History 101 and 102	6
Mathematics (101 or 120 recommended)	3
Physical Education	2
Science	6
	32

SOPHOMORE YEAR	SEM. HRS.
Allied Arts 100 or Music 365, anthropology, economics, geography, health and safety education, philosophy, political science, psychology, speech communication, sociology, (no more than 3 hours from any area, and may not duplicate those areas taken in freshman year)	12
English (200-level literature courses are recommended)	6
History 140 and 141	6
Science	6
	30

JUNIOR YEAR	SEM. HRS.
English (332, 333, or 334 recommended)	3
History Electives	12
Minor Electives	9
General Electives	9
	33

SENIOR YEAR	SEM. HRS.
History Electives	12
Minor Electives	12
General Electives	9
	33
TOTAL:	128

BACHELOR OF SCIENCE DEGREE IN HISTORY WITH SECONDARY CERTIFICATION IN SOCIAL STUDIES

FRESHMAN YEAR	SEM. HRS.
Allied Arts 100 or Music 365	3
English 101 and 102	6
History 101 and 102	6
Mathematics (101 or 120 are recommended.)	3
Physical Education	2
Physical Science	6
Political Science 101	3
Sociology 101	3
	32

SOPHOMORE YEAR	SEM. HRS.
Biological Science	6
Economics 255, 256	6
English (200-level literature courses are recommended)	6
Geography 103	3
Health and Safety Education 101	3
History 140 and 141	6
Psychology 110	3
Speech Communication 111	3
	36

JUNIOR YEAR	SEM. HRS.
Curriculum and Instruction: CIS 310	3
Educational Psychology 372, 374	6
English 332, 333, or 334	3
History 341	3
History Electives	12
Political Science 301	3
Research and Foundations 400	3
	33

SENIOR YEAR	SEM. HRS.
Curriculum and Instruction: CIS 313, 422, 458, 488	18
Research and Foundations 469	3
Special Education 400	3
Geography Electives	3
History Electives	9
	36
TOTAL:	137

AMERICAN STUDIES MAJOR (AMS—204)

John D. W. Guice, Director
Hattiesburg, MS 39401-5047
(601) 266-5312

The American Studies Program offers an interdisciplinary major and minor for students interested in a broad liberal arts education. Through courses from many fields, the student acquires an understanding of the development of the American heritage. By course selection and during the American Studies Seminar, students may pursue their special interests. The major requires thirty (30) semester hours and the minor requires eighteen (18) semester hours.

Though no minor is required, students are encouraged to have a second major or minor in complementary, career-oriented fields such as pre-law, pre-medicine, pre-dentistry, paralegal studies, journalism, library science, marketing, management, radio-television-film, military science, and education. The requirements listed below are in addition to the Liberal Arts core curriculum for either the Bachelor of Arts or the Bachelor of Science degree. Students in this program will be advised by the director of the American Studies Program.

OPTIONS FOR THE AMERICAN STUDIES MAJOR

Thirty (30) hours selected from groups below

Group I. One course from each field 9
- **English** 370, 371, 372, 470, 471, 472, 477, 478, 485, 489
- **History** 316, 340, 342, 344, 346, 380, 440, 442, 443, 445, 446, 447, 448, 450, 451, 452, 453, 454, 456, 458, 475, 476, 480
- **Political Science** 301, 303, 330, 370, 375, 380, 401, 402, 404, 406, 408, 409, 425, 434, 472, 473, 480, 481, 489

Group II. One course from three different fields 9
- **American Studies** 304, 404
- **Anthropology** 310, 315
- **Biology** 401, 460, 470, 472, 493
- **Criminal Justice** 200, 325, 330, 352, 360, 450, 451, 463, 471, 480
- **Economics** 310, 330, 424, 465, 480
- **Environmental Science** 301
- **Geography** 370, 402, 435, 440,
- **Journalism** 342, 421, 450, 452, 460
- **Humanities** 316
- **Music** 432
- **Philosophy** 440
- **Psychology** 450, 456
- **Radio-Television-Film** 270, 370, 448, 460, 478
- **Sociology** 240, 310, 311, 341, 421, 424, 444, 471, 475

Group III. Select any combination of three courses from Groups I and II 9
- American Studies Seminar 403 (Senior year requirement) 3
- Total 30

BACHELOR OF ARTS DEGREE IN AMERICAN STUDIES (Non-Teaching)

FRESHMAN YEAR	SEM. HRS.
English 101 and 102	6
Foreign Language	6
History 140 and 141	6
Mathematics (101 or 120 is recommended.)	3
Physical Education	2
Science	6
	29

SOPHOMORE YEAR	SEM. HRS.
American Studies Electives	6
English (200-level literature courses are recommended.)	6
Foreign Language (Fewer hours may suffice, but a course of intermediate level II must be completed; see Foreign Languages courses.)	6
Other Courses (from the following areas with no more than 3 hours from any one area; American Studies options in these fields may apply.) Allied Arts 100 or Music 365, anthropology, geography, political science, philosophy, speech communication, sociology	12
	30

JUNIOR YEAR	SEM. HRS.
Advanced American Studies Electives	9
English 332, 333, or 334	3

SENIOR YEAR	SEM. HRS.
Advanced American Studies Electives	12
Advanced Minor Electives	12

General Electives 12
Minor Electives (Minors vary from 18 to 27 hours. Because of the interdisciplinary nature of American Studies, a minor is not required. However, a strong minor or double major is recommended.) 9
33

(Minors vary from 18 to 27 hours. Because of the interdisciplinary nature of American Studies, a minor is not required. However, a strong minor or double major is recommended.)
American Studies Seminar 3
General Electives 9
36

TOTAL: 128

BACHELOR OF SCIENCE DEGREE IN AMERICAN STUDIES (Non-Teaching)

FRESHMAN YEAR	SEM. HRS.
Allied Arts 100 or Music 365, anthropology, economics, geography, Health and Safety Education 101, philosophy, political science, psychology, speech communication, sociology, (no more than 3 hours from any area; American Studies options in these fields may apply.)	9
English 101 and 102	6
History 140 and 141	6
Mathematics (101 or 120 is recommended.)	3
Science	6
Physical Education	2
	32

SOPHOMORE YEAR	SEM. HRS.
Allied Arts 100 or Music 365, anthropology, economics, geography, Health and Safety Education 101, philosophy, political science, psychology, speech communication, sociology, (no more than 3 hours from any area; no duplication of areas taken in freshman year; American Studies options may apply.)	12
American Studies Electives	6
English (200-level literature courses are recommended)	6
Science	6
	30

JUNIOR YEAR	SEM. HRS.
American Studies Electives	12
English (332, 333, or 334 recommended.)	3
General Electives	9
Minor Electives (Minors vary from 18 to 27 hours. Because of the interdisciplinary nature of American Studies, a minor is not required. However, a strong minor or double major is recommended.)	9
	33

SENIOR YEAR	SEM. HRS.
American Studies Electives	12
American Studies Seminar	3
General Electives	9
Minor Electives (Minors vary from 18 to 27 hours. Because of the interdisciplinary nature of American Studies, a minor is not required. However, a strong minor or double major is recommended.)	9
	33

TOTAL: 128

LATIN AMERICAN STUDIES

Orazio Ciccarelli, Director
Hattiesburg, MS 39406-5047
(601) 266-4861

The Latin American Studies Program offers: (A) an interdisciplinary major in Latin American Studies; (B) an interdisciplinary minor in Latin American Studies. The program is designed to prepare students for careers in government, business, teaching, or private

organizations having Latin American interests. The requirements listed below are in addition to the General College Core curriculum for either the Bachelor of Arts or the Bachelor of Science degree. Students pursuing this program will be advised by the director of the Latin American Studies Program.

FRESHMAN YEAR	SEM. HRS.
English 101 and 102	6
Foreign Lauguage 171 and 172	6
Fundamentals of Science 104 and 105	6
History 101 and 102	6
Mathematics 120	3
Philosophy 151	3
Political Science 101	3
	33

SOPHOMORE YEAR	SEM. HRS.
Anthropology, geography, allied arts, sociology, or speech communication	3
English 200-level literature courses and 333	9
Foreign Language 271 and 272	6
Physical Education	2
General Electives	12
	32

JUNIOR YEAR	SEM. HRS.
Anthropology 315	3
Foreign Language 371 and 471	6
Geography 402	3
History 380 and 381	6
Political Science 434 or 456	3
General Electives	6
Major Electives	6
	33

SENIOR YEAR	SEM. HRS.
History 382, 480, and 481	6
Major Electives	15
General Electives	9
	30
TOTAL:	128

Emphasis on Latin American Trade and Finance

FRESHMAN YEAR	SEM. HRS.
English 101 and 102	6
Foreign Language 171 and 172	6
Fundamentals of Science 104 and 105	6
History 101 and 102	6
Mathematics 120	3
Philosophy 151	3
Political Science 101	3
	33

SOPHOMORE YEAR	SEM. HRS.
Accounting 201 and 202	6
Anthropology, geography, allied arts, sociology, or speech communication	3
Economics 255 and 256	6
English (200-level literature courses are recommended)	6
Foreign Language 271 and 272	6
Marketing 300	3
Physical Education	2
	32

JUNIOR YEAR	SEM. HRS.
Economics 330	3
Economics 340 or 345	3
English 333	3
Finance 389	3
Foreign Language 471	3
History 380 and 381	6
Management 360	3
General Electives	9
	33

SENIOR YEAR	SEM. HRS.
Economics 435 or Marketing 495	3
Finance 472 or 480	3
History 480, 481, or 482	3
Political Science 434 or 456	3
Major Electives	6
General Electives	12
	30
TOTAL:	128

SOCIAL STUDIES

J. Ray Skates, Director
Hattiesburg, MS 39406-5047
(601) 266-5642

The interdisciplinary major and minor in the area of Social Studies is jointly sponsored by the College of Liberal Arts and the College of Education and Psychology. This program is open to both prospective teachers as well as those students desiring a broad preparation in the social sciences. Consequently a student majoring in Social Studies may elect the degree program of either college. Students who plan to teach in the public schools must meet the professional certification requirements of the College of Education and Psychology. It is recommended that a student who is planning to teach the Social Studies in junior or senior high school take this interdisciplinary major as it more adequately prepares one to teach all the social studies courses currently offered in the public schools.

BACHELOR OF SCIENCE DEGREE IN SOCIAL STUDIES WITH SECONDARY CERTIFICATION

FRESHMAN YEAR	SEM. HRS.
Allied Arts 100 or Music 365	3
English 101 and 102	6
History 101 and 102	6
Mathematics (101 or 120 recommended)	3
Physical Education	2
Physical Science	6
Political Science 101	3
Sociology 101	3
	32

SOPHOMORE YEAR	SEM. HRS.
Biological Science	6
Economics 255, 256	6
English (200-level literature courses are recommended)	6
Geography 103	3
Health and Safety Education 101	3
History 140 and 141	6
Psychology 110	3
Speech Communication 111	3
	36

JUNIOR YEAR	SEM. HRS.
Educational Psychology 372, 374	6
English 332, 333, or 334	3
History 341	3
History Elective	3
Political Science 301	3
Research and Foundations 400	3
Sociology Elective	3
Special Education 400	3
Curriculum and Instruction: CIS 310	3
	30

SENIOR YEAR	SEM. HRS.
Research and Foundations 469	3
Curriculum and Instruction: CIS 313, 422, 458, 488	18
Geography Elective	3
History Elective	3
Political Science Elective	3
Sociology Elective	3
Special Education 400	3
	36
TOTAL:	134

REQUIREMENTS FOR A MINOR IN SOCIAL STUDIES

(Non-teaching)

The minor in Social Studies will consist of twenty-one (21) hours in no less than four of the six fields specified below, and a minimum of twelve hours in courses numbered 200 or above. The designated fields are history, political science, sociology, economics, geography, and anthropology.

DEPARTMENT OF JOURNALISM

Birthney Ardoin, Chairman
Hattiesburg, MS 39406-5121
(601) 266-4258

The main objective of the Department of Journalism is to teach students professional and theoretical concepts and to develop their technical skills to enable them to be productive and responsible contributors in the field of journalism. The program emphasizes the basics of reporting, writing, editing, and taking pictures, but professional preparation also requires an understanding of the history, and legal, ethical, and social responsibility of journalism. The department strives to achieve an integration of practice and theory in all its courses.

The department offers a choice of four emphasis areas of study: News-Editorial, Photojournalism, Public Relations, and Journalism Education; and it administers an interdisciplinary Advertising degree program. These are designed to prepare students for a variety of career positions, including news reporting and editing, writing, photography, advertising, public relations, and journalism education.

It is strongly believed that students should have a broad cultural education in the humanities and social sciences to go with their professional preparation so that they can serve society as well as their own self-interests productively and responsibly. Thus, students are limited to thirty-six (36) semester hours in the Department of Journalism. From course work taken outside of the department, students must develop a minor area or a second major in consultation with their advisers.

COMMON REQUIREMENTS FOR A MAJOR IN JOURNALISM

A student majoring in journalism will work toward either the Bachelor of Arts or the Bachelor of Science degree. Working closely with an adviser, the student will tailor the course work to fit his educational goal and selected emphasis area of study. All students pursuing a major in journalism must complete the following requirements, which include a minimum of thirty (30) hours but not more than thirty-six (36) hours in the department:

	SEM. HRS.
General Core for the College of Liberal Arts	57-59
Major Requirements	30-36
Minor Requirements	18
Electives	15-23
Total	128

Any student expecting to take courses in journalism should understand that a typing capability is essential. Those students with no typing skills should plan to take typing early in the program.

All majors in the news-editorial sequence are expected to do practical work on **The Student Printz.** Others are invited to participate in the publication of the paper.

REQUIREMENTS FOR A MAJOR IN JOURNALISM

Bachelor of Arts Degree

FRESHMAN YEAR	SEM. HRS.
English 101 and 102	6
Foreign Language	6
History (101 and 102 or 140 and 141 are recommended)	6
Mathematics (101 or 120 is is recommended	3
Physical Education or ROTC/AFROTC (this requirement may also be met	

SOPHOMORE YEAR	SEM. HRS.
English (200-205 are recommended)	6
Foreign Language (Fewer hours may suffice, but a course of intermediate level II must be completed; see Foreign Language courses.)	6
Journalism 140, 230	6
General Core Courses	12

by participation in varsity athletics or associated activities	2
Science	6
Journalism 102	3
	32

(No more than three hours from any one area: Allied Arts 100 or Music 365, anthropology, geography, philosophy, political science, speech communication, sociology).	
Elective	3
	33

Bachelor of Science Degree

FRESHMAN YEAR	SEM. HRS.
English 101 and 102	6
History (101 and 102 or 140 and 141 are recommended)	6
Mathematics (101 or 120 is recommended	3
Physical Education or ROTC/AFROTC (this requirement may also be met by participation in varsity athletics or associated activities)	2
Science	12
Journalism 102	3
	32

SOPHOMORE YEAR	SEM. HRS.
English (200-205 are recommended)	6
Journalism 140, 203	6
General Core Courses (No more than three hours from any one area: Allied Arts 100 or Music 365, anthropology, economics, geography, philosophy, political science, psychology, speech communication, sociology.)	21
Teacher certification requires Fine Arts, Health and Safety Education 101, Psychology 110, and Speech Communication 111	
	33

Requirements for an Emphasis in Journalism Education

With Secondary Certification

The journalism education program is designed to prepare students academically and professionally to teach journalism and supervise publications on the secondary level and to pursue graduate level study. The journalism major working toward the Bachelor of Science teaching degree must meet general and professional certification requirements, including a minor in secondary education, and a minor in a related subject matter field, such as English or social science, in addition to meeting departmental requirements. Prospective majors should contact an adviser in both journalism and secondary education as soon as practical after enrollment.

Students in this program must complete thirty (30) hours, but not more than thirty-six (36) hours in journalism, including JOU 102, 140, 203, 313, 402, 405, and 460. A typical program of study is outlined below. The English minor shown is optional. Note that the total hours required by this program exceeds the University minimum of 128 hours. This is necessary in order to maintain a quality teaching program with National Council for Accreditation for Teacher Education (NCATE) certification.

JUNIOR YEAR	SEM. HRS.
Curriculum and Instruction: CIS 310, 313	6
Educational Psychology 372, 374	6
English 350 or 351; 370 or 371	6
Journalism 313, 402, 405, 460	12
Research and Foundations 400	3
	33

SENIOR YEAR	SEM. HRS.
Curriculum and Instruction: CIS 422, 465, 494	15
English 401, 454, or 455	6
Journalism Electives	9
Research and Foundations 469	3
Special Education 400	3
	36

Requirements for an Emphasis in News-Editorial

The news-editorial program follows the traditional journalism curriculum that prepares students for positions in the news media as reporters, editors, and writers. Students in this emphasis must complete thirty (30) hours, but not more than thirty-six (36) hours in journalism, including JOU 102, 140, 203, 313, 402, 450, and 460. From elective course work taken outside the Journalism Department, students are advised to develop an area of concentration that supports and enhances their educational and professional goals.

A typical program of study is outlined below:

JUNIOR YEAR	SEM. HRS.
English (above 300 level)	3
Journalism 313, 402, 450	9
Minor Area	9
Electives	12
	33

SENIOR YEAR	SEM. HRS.
Journalism 452, 460	6
Journalism Electives	6
Minor Area	9
Electives	9
	30

Requirements for an Emphasis in Photojournalism

The photojournalism program is designed to teach students how to communicate visually effectively and responsibly, and it prepares them for professional positions as photographers and photo editors in the mass media.

Students in this emphasis must complete thirty (30) hours, but not more than thirty-six (36) houurs in journalism, including JOU 102, 140, 203, or 301, 240, 344, 440, 452, and 460. From elective course work taken outside the Journalism Department, students are advised to develop an area of concentration that supports and enhances their educational and professional goals.

A typical program of study is outlined below:

JUNIOR YEAR	SEM. HRS.
English (300 level or above)	3
Journalism 240, 344, 452	9
Minor Area	9
Electives	12
	33

SENIOR YEAR	SEM. HRS.
Journalism 440, 460	6
Journalism Electives	6
Minor Area	9
Electives	9
	30

Requirements for an Emphasis in Public Relations

This program of study is designed to prepare students for careers as public relations practitioners and consultants in business and industry, non-profit organizations, educational institutions, and government agencies.

Students in this program must complete thirty (30) hours, but not more than thirty-six (36) hours of journalism, including JOU 102, 140, 203, 421, 422, 425, and 428. Because of the interdisciplinary nature of the field of public relations, students are advised to take courses in other areas of communication. Recommended courses to select from are: RTF 271, 302, 340, 407, and 425; SCM 311, 320, and 410. A business background also is essential for the public relations practitioner. A minor in marketing, management, finance, economics, or general business is highly recommended.

A typical program of study is outlined below:

JUNIOR YEAR	SEM. HRS.
English (300 level or above)	3
Journalism 421, 422	6
Journalism Electives	6
Radio, Television, and Film Electives	6
Speech Communication Electives	6
Minor Area	6
	33

SENIOR YEAR	SEM. HRS.
Journalism 425, 428	6
Minor Area	12
Journalism Electives	3
Electives	9
	30

ADVERTISING

Birthney Ardoin, Director
Hattiesburg, MS 39406-5121
(601) 266-4258

The Departments of Journalism and Radio, Television, and Film offer an interdisciplinary major in Advertising in association with the Department of Marketing in the College of Business Adminstration.

The program is designed to teach students the creative arts and business practices of advertising. Graduates are prepared for professional positions as advertising layout artists, copywriters, and account executives in the mass media, advertising agencies, and advertising departments in business and industry.

Students in the program must complete thirty-three (33) hours, but not more than thirty-six (36) hours in jounalism and radio, television, and film, including JOU 312, 331, 421, 452, and 470; RTF 330, 425, and 431. A minor is required in Marketing. Recommended courses are MKT 300, 322, 330, 355, 365, and 455.

A typical program of study is outlined below:

REQUIREMENTS FOR A MAJOR IN ADVERTISING

Bachelor of Arts Degree

FRESHMAN YEAR	SEM. HRS.
English 101 and 102	6
Foreign Language	6
History (101 and 102 or 140 and 141 are recommended)	6
Mathematics (101 or 120 is recommended)	3
Physical Education ROTC/AFROTC (this requirement may also be met by participation in varsity athletics or associated activities)	2
Science	6
Electives	3
	32

SOPHOMORE YEAR	SEM. HRS.
English (200-205 are recommended)	6
Foreign Language (Fewer hours may suffice, but a course of intermediate level II must be completed; see Foreign Language courses.)	6
General Core Courses (No more than three hours from any one area: Allied Arts 100 or Music 365, anthropology, geography, philosophy, political science, speech communication, sociology)	12
Art Electives	6
	30

JUNIOR YEAR	SEM. HRS.
English (300 level or above)	3
Journalism 312, 331	6
Radio, Television, and Film 330, 425	6
Marketing 300, 322, 355	9
Electives in Major	6
Management 360	3
	33

SENIOR YEAR	SEM. HRS.
Journalism 421, 452, 470	9
Radio, Television, and Film 431	3
Marketing 330, 365, 455	9
Electives in Major	3
Electives	9
	33

Bachelor of Science Degree

FRESHMAN YEAR	SEM. HRS.
English 101 and 102	6
History (101 and 102 or 140 and 141 are recommended)	6

SOPHOMORE YEAR	SEM. HRS.
English (200-205 are recommended)	6
Science	6

Mathematics (101 or 120 is recommended)	3
Physical Education or ROTC/AFROTC (this requirement may also be met by participation in varsity athletics or associated activities	2
Science	6
Art Elective	6
Computer Science	3
	32

General Core Courses (No more than three hours from any one area: Allied Arts 100 or Music 365, anthropology, economics, geography philosophy, political science, psychology, speech communication, sociology.)	21
	33

JUNIOR YEAR	SEM. HRS.
English (300 level or above)	3
Journalism 312, 331	6
Radio, Television, and Film 330, 425	6
Marketing 300, 322, 355	9
Electives in Major	6
Management 360	3
	33

SENIOR YEAR	SEM. HRS.
Journalism 421, 452, 470	9
Radio, Television, and Film 431	3
Marketing 330, 365, 455	9
Electives in Major	3
Electives	9
	33

DEPARTMENT OF MILITARY SCIENCE

Tommy R. Palmertree, Chairman
Hattiesburg, MS 39406-5042
(601) 266-4456

MISSION

The mission of the ROTC program is twofold: To provide instruction to college students to gain an insight and an understanding of the national defense structure of our country and to attract, motivate and prepare selected university students for commissioning as officers in the United States Army.

PROGRAM OF INSTRUCTION

The ROTC program of instruction is divided into two courses, the Basic Course and the Advanced Course. The full program encompasses four years.

The Basic Course consists of two years of instruction and is a prerequisite for entry into the Advanced Course. The Basic Course is introductory in nature and no military obligation is incurred.

The Advanced Course is designed to prepare selected cadets for commissioning in the United States Army. All academic majors are accepted, and the University has waived the requirement for a minor for those students completing the ROTC program. Successful completion of a six-week advanced summer camp and nomination by the Professor of Military Science are required for commissioning. The Advanced Course student is paid a $100.00 per month tax free subsistence allowance during both academic years of the Advanced Course. Regular Army and Reserve Commissions are earned. A recipient of a Reserve Commission may opt for a short period of active duty and then join a Reserve or National Guard unit.

Basic Course students can participate in a leadership practicum. This includes practical training exercises on the USM campus and the Camp Shelby training site.

Advance Course students will be required to attend a weekly leadership laboratory and participate each semester in practical training exercises.

TWO-YEAR PROGRAM

A two-year program leading to a commission is available to the following categories of students:

(1) A veteran whose military record is evaluated by the Professor of Military Science and determined to have the necessary background for acceptance into the Advanced Course.

(2) Students who did not take the Basic Course during the freshman and sophomore years. These students must successfully complete a six-week Basic Summer Camp prior to applying for the Advanced Course.

EXTRACURRICULAR AND ENRICHMENT ACTIVITIES

ROTC cadets have the opportunity to participate in several professional organizations within the Corps of Cadets. These include the Ranger Company, the Rappelling Club, the Rifle Team, the Scabbard and Blade (honorary military society), and the Southern Generals (Color Guard).

ROTC SCHOLARSHIP PROGRAM

The Army ROTC Scholarship Program is designed to offer financial assistance to outstanding young men and women in the four-year ROTC program who are interested in the Army as a career. There are four types of scholarships: Four-year, Three-year, Two-year, and One-year. Each scholarship provides tuition, textbooks, and laboratory fees in addition to paying a $100.00 subsistence allowance per month for the period that the scholarship is in effect.

Four-year scholarships are offered to select young men and women who have graduated from high school or received equivalent credit from an acceptable state or national agency. Applicants must be enrolled in or acceptable for enrollment in the University. Students desiring to apply for the Four-year Scholarship must do so between April 1 and November 15 of the year before the scholarship is to begin. Information and application packets for the Four-year Scholarship may be obtained from the high school counselor or by writing to:

Army ROTC
P.O. Box 9000
Clifton, N.J. 07015

Students desiring to apply for the One-year, Two-year, or Three-year scholarships will do so through the Professor of Military Science at the University. Applicants will be screened by a scholarship committee and selections will be forwarded to the Department of the Army for final selection.

DEPARTMENT OF PHILOSOPHY AND RELIGION

Forrest E. Wood, Jr., Chairman
Hattiesburg, MS 39406-5015
(601) 266-4518

The Department of Philosophy and Religion offers programs of study leading to the degrees of Bachelor of Arts and Bachelor of Science with a major in Philosophy, a major in Philosophy and Religion, a minor in Philosophy or a minor in Philosophy and Religion. In general, each of these programs is designed to help students gain a better understanding of themselves, their world, their own beliefs and those of others.

The major in Philosophy offers both breadth and depth in philosophical training for students interested in pursuing graduate study in philosophy as well as for those majoring in philosophy as a pre-professional program in law, medicine, or other related fields.

The Philosophy and Religion major offers and encourages breadth in the philosophical and scholarly study of the phenomenon of religion for students interested in pursuing the academic study of religion at the graduate level, or as a pre-professional program for the ministry, religious education, or counseling.

REQUIREMENTS FOR A MAJOR IN PHILOSOPHY

Bachelor of Arts Degree

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
Foreign Language	6
History 101, 102	6
Mathematics	3
Philosophy 151	3
Philosophy 253	3
Physical Education or ROTC/AFROTC	2
Speech Communication 111	3
	32

SOPHOMORE YEAR	SEM. HRS.
Allied Arts 100 or Music 365	3
English 203 and 204 or 301	6
Foreign Language	6
General Elective	3
Geography or Political Science	3
Philosophy 310	3
Philosophy 312	3
Science	6
	33

JUNIOR YEAR	SEM. HRS.
Anthropology or Sociology	3
English 334	3
General Electives	9
Minor	9
Philosophy 356	3
Philosophy Electives	6
	33

SENIOR YEAR	SEM. HRS.
General Electives	12
Minor	9
Philosophy Electives	9
	30
TOTAL:	128

Bachelor of Science Degree

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
Geography or Speech Communication 111	3
History 101, 102	6
Mathematics	3
Philosophy 151	3
Philosophy 253	3
Physical Education or ROTC/AFROTC	2
Science	6
	32

SOPHOMORE YEAR	SEM. HRS.
Allied Arts 100 or Music 365	3
Anthropology or Sociology	3
Economics or Political Science	3
English 203 and 204 or 301	6
General Elective	3
Philosophy 310	3
Philosophy 312	3
Psychology	3
Science	6
	33

JUNIOR YEAR	SEM. HRS.
English 334	3
General Electives	6
Minor	9
Philosophy 356	3
Philosophy Electives	6
Social Science Elective	6
	33

SENIOR YEAR	SEM. HRS.
General Electives	12
Minor	9
Philosophy Electives	9
	30
TOTAL:	128

Students wishing to minor in Philosophy (PHI) are required to complete eighteen (18) semester hours in philosophy including PHI 151, 253, 356, and at least one course in the history of philosophy. The remaining six (6) semester hours are to be selected from upper division offerings in philosophy in consultation with a departmental adviser.

REQUIREMENTS FOR A MAJOR IN PHILOSOPHY AND RELIGION

Bachelor of Arts Degree

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
Foreign Language	6
History 101, 102	6
Mathematics	3
Philosophy 151 or Religion 131	3
Physical Education or ROTC/AFROTC.	2
Religion 333	3
Speech Communication 111	3
	32

SOPHOMORE YEAR	SEM. HRS.
Allied Arts 100 or Music 365	3
English 203 and 204	6
Foreign Language	6
General Electives	3
Geography or Political Science	3
Philosophy 372	3
Religion 335	3
Science	6
	33

JUNIOR YEAR	SEM. HRS.
Anthropology or Sociology	3
English 334	3
General Electives	9
Minor	9
Philosophy 352	3
Philosophy or Religion Electives	6
	33

SENIOR YEAR	SEM. HRS.
General Electives	9
Minor	9
Philosophy or Religion Electives	12
	30
TOTAL:	128

Bachelor of Science Degree

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
Geography or Speech Communication 111	3
History 101, 102	6
Mathematics	3
Philosophy 151 or Religion 131	3
Physical Education or ROTC/AFROTC.	2
Religion 333	3
Science	6
	32

SOPHOMORE YEAR	SEM. HRS.
Allied Arts 100 or Music 365	3
Anthropology or Sociology	3
Economics or Political Science	3
English 203 and 204 or 301	6
General Elective	3
Philosophy 310	3
Philosophy 312	3
Psychology	3
Science	6
	33

JUNIOR YEAR	SEM. HRS.
English 334	3
General Electives	6
Minor	9
Philosophy 352	3
Philosophy or Religion Electives	6
Social Science Electives	6
	33

SENIOR YEAR	SEM. HRS.
General Electives	12
Minor	9
Philosophy or Religion Electives	9
	30
TOTAL:	128

Students wishing to minor in Philosophy and Religion are required to complete eighteen (18) semester hours in philosophy and religion including either PHI 151 or REL 131 and PHI 372 and at least one course in the Eastern and one course in the Western religious traditions. The remaining six (6) semester hours are to be selected in consultation with a departmental adviser.

DEPARTMENT OF POLITICAL SCIENCE

William H. Hatcher, Chairman
Hattiesburg, MS 39406-5108
(601) 266-4310

The Department of Political Science offers majors and minors in Political Science and Paralegal Studies, and an emphasis in Pre-Law Studies.

A MAJOR IN POLITICAL SCIENCE

The Political Science major is designed to prepare students for careers in national, state, and local governments, teaching and international service, among others. The department offers courses leading to the Bachelor of Arts, Bachelor of Science, Master of Arts, Master of Science, Master of Science with an emphasis in Public Administration, Master of Philosophy, and Doctor of Philosophy degrees.

In addition to PS 101 (American Government), the Political Science major must take at least one course from five of the six fields of Political Science. The remaining twelve hours are electives in Political Science. See below.

The Six Fields of Political Science

Political Theory: 320, 420, 421, 425.
American Government and Politics: 301, 302, 303, 401, 402, 404, 406, 407, 408, 409.
International Relations: 330, 331, 431, 432, 434, 435.
Comparative Government: 351, 450, 451, 452, 453, 455, 456, 457, 458, 459.
Public Administration: 370, 375, 471, 472, 473, 474.
Public Law: 380, 381, 382, 383, 389, 480, 481, 482, 484, 485, 489.

REQUIREMENTS FOR A MINOR IN POLITICAL SCIENCE

The department recommends that the minor (18 hours) include courses from at least four of the six fields.

Teacher Certification

Political Science majors who wish to secure certification to teach in the secondary schools can do so by taking the appropriate education and social science courses.

REQUIREMENTS FOR A BACHELOR OF ARTS DEGREE IN POLITICAL SCIENCE

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
Foreign Language	6
History 101 and 102 or 140 and 141	6
Mathematics	3
Political Science 101	3
Science	6
Social Science and Humanities (Allied Arts 100, or Music 365, anthropology, geography, philosophy, political science, speech communication, or sociology.)	3
	33

SOPHOMORE YEAR	SEM. HRS.
English	6
Foreign Language	6
Physical Education or ROTC/AFROTC	2
Political Science 220	3
Political Science (300 level)	3*
Social Science and Humanities (Allied Arts 100, or Music 365, anthropology, geography, philosophy, speech communication, or sociology.)	9
Elective	3
	32

JUNIOR YEAR	SEM. HRS.
English (300 level)	3
Political Science	9*
Minor	9
Electives	12
	33

SENIOR YEAR	SEM. HRS.
Political Science	12*
Minor	9
Electives	9
	30
TOTAL:	128

*Political Science majors must take at least one course from five of the six fields of the discipline. The remainder of the Political Science courses are electives. See above.

REQUIREMENTS FOR A BACHELOR OF SCIENCE DEGREE IN POLITICAL SCIENCE

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
History 101 and 102 or 140 and 141	6
Mathematics	3
Political Science 101	3
Science	6
Social Science and Humanities (Allied Arts 100 or Music 365, anthropology, economics, geography, health and safety education, philosophy, political science, psychology, sociology or speech communication.)	9
	33

SOPHOMORE YEAR	SEM. HRS.
English	6
Physical Education or ROTC/AFROTC	2
Political Science 220	3
Political Science (300 level)	3*
Science	6
Social Science and Humanities (Allied Arts 100 or Music 365, anthropology, economics, geography, philosophy, political science, psychology, sociology, or speech communication	12
	32

JUNIOR YEAR	SEM. HRS.
English (300 level or above)	3
Political Science	9*
Minor	9
Electives	12
	33

SENIOR YEAR	SEM. HRS.
Political Science	12*
Minor	9
Electives	9
	30
TOTAL:	128

*Political Science majors must take at least one course from five of the six fields of the discipline. The remainder of the Political Science courses are electives. See above.

PARALEGAL STUDIES

William H. Hatcher and Joseph B. Parker, Advisers
Hattiesburg, MS 39406-5108
(601) 266-4310

The Paralegal field is a new profession designed to aid attorneys to deliver legal services more efficiently. Legal assistants are currently being hired for positions in business, private law firms, and government.

A major in Paralegal Studies requires that a student complete the College of Liberal Arts Core requirements for a Bachelor of Arts or Bachelor of Science degree plus a minor.

REQUIREMENTS FOR A BACHELOR OF ARTS DEGREE IN PARALEGAL STUDIES

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
Foreign Language	6
History 101 and 102 or History 140 and 141	6
Mathematics	3
Science	6
Social Science and Humanities (Allied Arts 100 or Music 365, anthropology, geography, philosophy, speech communication, political science, or sociology)	6
	33

SOPHOMORE YEAR	SEM. HRS.
Accounting 201	3
English	6
Foreign Language	6
General Business Administration 295	3
Physical Education or ROTC/AFROTC	2
Political Science 381	3
Political Science 383	3
Social Science and Humanities (Allied Arts 100 or Music 365, anthropology, geography, philosophy, speech communication, political science, or sociology)	6
	32

JUNIOR YEAR	SEM. HRS.
Criminal Justice 330 and 430	6
English 333	3
Management 360	3
Minor	9
Political Science 380	3
Political Science 382	3
Real Estate and Insurance 340	3
Elective	3
	33

SENIOR YEAR	SEM. HRS.
Business Education 460 or Management 364 or 454	3
Political Science 480 or 489	3
Political Science 481	3
Minor	9
Electives	12
	30
TOTAL:	128

REQUIREMENTS FOR A BACHELOR OF SCIENCE DEGREE IN PARALEGAL STUDIES

English 101, 102	6
History 101 and 102 or History 140 and 141	6
Mathematics	3
Science	6
Social Science and Humanities (Allied Arts 100 or Music 365, anthropology, economics, geography, health and safety education, philosophy, political science, psychology, sociology, or speech communication)	12
	33

Accounting 201	3
English	6
General Business Administration 295	3
Physical Education or ROTC/AFROTC	2
Political Science 381	3
Science	6
Social Science and Humanities, (Allied Arts 100 or Music 365, anthropology, economics, geography, philosophy, political science, psychology, sociology, or speech communication)	9
	32

JUNIOR YEAR	SEM. HRS.
Criminal Justice 330 and 430	6
English 333	3
Political Science 380	3
Political Science 383	3
Political Science 382	3
Management 360	3
Real Estate and Insurance 340	3
Minor	9
	33

SENIOR YEAR	SEM. HRS.
Business Education 460 or Management 364 or 454	3
Political Science 480 or 489	3
Political Science 481	3
Electives	12
Minor	9
	30
TOTAL:	128

Requirements for Pre-Law

Ronald G. Marquardt and James H. Wolfe, Advisers
Hattiesburg, MS 39406-5108
(601) 266-4310

The requirements for admission to law schools vary slightly, and a pre-law student should obtain the entrance requirements from the school of his choice. In general, law schools expect a student to possess a bachelor's degree with a major in a content field.

All law schools require their students to be able to express themselves well in written composition. Therefore, a student who is weak in composition should take extra composition courses.

When a student first arrives, he should go to a pre-law adviser each time he registers, but when he selects a major, he should get an adviser from that department and thereafter see the pre-law adviser only regarding special problems.

After consultation with law school administrators and practicing attorneys, it is recommended that students add these courses as electives in meeting their curriculum requirements. The following is a suggested course sequence.

FRESHMAN YEAR	SEM. HRS.
Accounting 201	3
Economics 255	3

SOPHOMORE YEAR	SEM. HRS.
English 300	3
Political Science 380 or General Business Administration 295 or Criminal Justice 330	3

JUNIOR YEAR	SEM. HRS.
Political Science 383	3
English 333	3

SENIOR YEAR	SEM. HRS.
Political Science 480 or 489	3
Political Science 301, 407 or 481 or Philosophy 453	3

DEPARTMENT OF RADIO, TELEVISION, AND FILM

David H. Goff, Chairman
Hattiesburg, MS 39406-5141
(601) 266-4281

The Department of Radio, Television, and Film offers a student an opportunity to study for a career in Broadcast Journalism, Broadcast Management and Sales, Radio-Television Production, and Film. The department also participates in interdisciplinary programs in advertising and communication. The Bachelor of Arts and the Bachelor of Science degrees are offered in these areas of concentration.

Federal Communications Commission regulations require that certain employees of broadcast stations must be licensed by the Commission. To obtain the General Radiotelephone Operator's License, the applicant must appear before the FCC and pass a written examination. This department offers an Interdisciplinary FCC General Radiotelephone Operator's License Preparation Program to its majors. The Interdisciplinary Program is not a minor. Students who wish to follow the program must obtain the permisison of the department chairman. By granting permission to follow the Interdisciplinary Program, the chairman waives the requirements of a minor for the student. The Interdisciplinary Program is described in a following section.

The Internship Program (RTF 303) is available to qualified students and provides supervised study and experience in radio, television, or film. Selected students are given the opportunity to observe and to analyze the methods, techniques, and creative processes of professionals. The scope of the internship may be highly specialized, one in which the

student remains with one departmental operation, or it may be varied, in which case the student ranges throughout the professional organization and learns about the functions of several jobs. To qualify for the Internship Program, a student must have completed all but nine hours of course work in his major. In addition, the student must have a **B** average in RTF courses and an overall GPA of 2.5. The student must originate and submit a written proposal or description of his internship prior to the midpoint of the term preceding the proposed internship. The proposal must be signed by both a representative of professional management and the faculty member involved, and must be approved by the chairman. The signed proposal serves as a contractual agreement and reminder for the student as to the nature of the internship. Students employed by a station or film production company on a part-time basis during the academic year cannot receive academic credit for work they are already doing for pay.

REQUIREMENTS FOR A MAJOR IN RADIO, TELEVISION, AND FILM

The major in Radio, Television, and Film consists of a minimum of thirty-six (36) semester hours of course work. A grade of **C** or better must be earned in all sequential courses. For example, in the Television Production sequence (RTF 340, 440, 447), a student must earn at least a **C** in RTF 340 before advancing to RTF 440; a **C** in RTF 440 before advancing to RTF 447. The Radio Production sequence is RTF 311, 411, 417 and Film Production includes RTF 271, 371, 375, 377, 471, 477.

All Radio, Television, and Film majors are required to take the following courses:

	Hours
General Core for the College of Liberal Arts	57-59
Departmental Requirements	
RTF 200, 271, 311, 340	12
Emphasis Area in RTF	24-27

Additional departmental course work should be considered by each student in consultation with his adviser with an intended goal of the fullest possible career preparation.

REQUIREMENTS FOR A MAJOR IN RADIO, TELEVISION, AND FILM

Bachelor of Arts Degree

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
Foreign Language	6
History 140, 141	6
Physical Education or ROTC/AFROTC (this requirements may also be met by participation in varsity athletics or associated activities)	2
Radio, Television, and Film 200, 271	6
Science	6
	32

SOPHOMORE YEAR	SEM. HRS.
English (200-level literature courses)	6
Foreign Language	6
Mathematics 101 or 120	3
Other Liberal Arts Core Requirements	12
Radio, Television, and Film 311, 340	6
	33

Bachelor of Science Degree

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
History 140, 141	6
Mathematics 101 or 120	3
Other Liberal Arts Core Requirements	3
Physical Education	2
Radio, Television, and Film 200, 271	6
Science	6
	32

SOPHOMORE YEAR	SEM. HRS.
English (200-level literature courses)	6
Other Liberal Arts Requirements	15
Radio, Television, and Film 311, 340	6
Science	6
	33

Requirements for an Emphasis in Broadcast Journalism

All students desiring an emphasis in Broadcast Journalism should complete the following requirements in addition to those listed in the section above entitled REQUIREMENTS FOR A MAJOR IN RADIO, TELEVISION, AND FILM.

Minor Requirements

Students preparing for careers in Broadcast Journalism should seek a minor in journalism or photojournalism.

Bachelor of Arts Degree

JUNIOR YEAR	SEM. HRS.
English 332 or 333	3
Journalism 102	3
Minor Area	9
Radio, Television, and Film 302, 320, 440, 371 or 447	12
Electives	6
	33

SENIOR YEAR	SEM. HRS.
Minor Area	9
Radio, Television, and Film 442, 360, 460, 448 or approved substitute	12
Electives	9
	30

Bachelor of Science Degree

JUNIOR YEAR	SEM. HRS.
English 332 or 333	3
Journalism 102	3
Minor Area	9
Other Liberal Arts Core Requirements	3
Radio, Television, and Film 302, 320, 440, 371 or 447	12
Electives	3
	33

SENIOR YEAR	SEM. HRS.
Minor Area	9
Radio, Television, and Film 442, 360, 460, 448 or approved substitute	12
Electives	9
	30

Requirements for an Emphasis in Broadcast Management and Sales

All students desiring an emphasis in Broadcast Management and Sales should complete the following requirements in addition to those listed in the section above entitled REQUIREMENTS FOR A MAJOR IN RADIO, TELEVISION, AND FILM.

Minor Requirements

Depending on specific career goals, students should seek a minor in business administration, finance, management, marketing, or accounting.

Bachelor of Arts Degree

FRESHMAN YEAR	SEM. HRS.
English 332, 333 or 334	3
Minor Area	9
Radio, Television, and Film 330, 360, 407, 416	12
Electives	6
	30

SOPHOMORE YEAR	SEM. HRS.
Minor Area	9
Radio, Television, and Film 425, 431, 460, 448 or approved substitute	12
Electives	12
	33

Bachelor of Science Degree

JUNIOR YEAR	SEM. HRS.
English 332, 333 or 334	3
Minor Area	9
Radio, Television, and Film 330, 360, 407, 416	12
Other Liberal Arts Core Requirements	3
Electives	3
	30

SENIOR YEAR	SEM. HRS.
Minor Area	9
Radio, Television, and Film 425, 431, 460, 448 or approved substitute	12
	33

Requirements for an Emphasis in Radio-Television Production

All students desiring an emphasis in Radio-Television Production should complete the following requirements in addition to those listed in the section above entitled REQUIREMENTS FOR A MAJOR IN RADIO, TELEVISION, AND FILM. Students are required to have 120 clock hours of "on the air" broadcasting experience at WMSU.

Minor Requirements

A variety of minor concentrations are applicable. A student should consult his adviser and select the minor that is best suited to his career goals. An Interdisciplinary FCC General Radiotelephone Operator's License Preparation Program is available as an approved substitute for a recognized minor.

Interdisciplinary FCC General Radiotelephone Operator's License Preparation Program

This program provides a combination of courses in mathematics, electronics, and science designed to meet the basic needs of students who wish to obtain the FCC General Radiotelephone Operator's License. Students who wish to pursue this program must obtain the permission of the department chairman.

	Hours
Mathematics 103, 276	6
Industrial and Vocational Education 301, 302, 303	9
Physics 327, 327-L	4

Note: Physics 101 and 102 should be taken to satisfy part of the student's core requirements.

Bachelor of Arts Degree

JUNIOR YEAR	SEM. HRS.
English 332 or 333	3
Minor Area	9
Radio, Television, and Film 320, 330, 360, 411, 440	15
Electives	3

SENIOR YEAR	SEM. HRS.
Minor Area	9
Radio, Television, and Film 442, 447, 460, 448 or 417 and 310 or approved substitute	12
Electives	12

Bachelor of Science Degree

JUNIOR YEAR	SEM. HRS.
English 332 or 333	3
Minor Area	9
Radio, Television, and Film 320, 330, 360, 411, 440	15
Other Liberal Arts Core Requirements	3
	30

SENIOR YEAR	SEM. HRS.
Minor Area	9
Radio, Television, and Film 442, 447, 460, 448, or 417 **and** 310 or approved substitute	12
Electives	12
	33

Requirements for an Emphasis in Film

All students desiring an emphasis in Film should complete the following requirements in addition to those listed in the section above entitled REQUIREMENTS FOR A MAJOR IN RADIO, TELEVISION, AND FILM. The curriculum in Film is designed to prepare students for positions with television stations, film units, motion picture production companies, industrial in-house film units, and federal and state agencies.

Minor Requirements

Depending on the student's career plans he should seek a minor in English, theatre, art, sociology, or journalism.

Bachelor of Arts Degree

JUNIOR YEAR	SEM. HRS.
English 321 or 332	3
Minor Area	9
Radio, Television, and Film 371, 270 or 370, 377 and 478 or approved substitute	12
Electives	6
	30

SENIOR YEAR	SEM. HRS.
Minor Area	9
Radio, Television, and Film 375, 471, 472, 418 or 492	12
Electives	12
	33

Bachelor of Science Degree

JUNIOR YEAR	SEM. HRS.
English 321 or 332	3
Minor Area	9
Other Liberal Arts Core Requirements	3
Radio, Television, and Film 371, 270 or 370, 377 and 478 or an approved elective	12
Electives	3
	30

SENIOR YEAR	SEM. HRS.
Minor Area	9
Radio, Television, and Film 375, 471, 472, 418 or 492	12
Electives	12
	33

Requirements for a Minor in Radio, Television, and Film

All students pursuing a minor in Radio, Television, and Film must complete eighteen (18) semester hours of RTF courses. Courses required to meet this standard are as follows:

	Hours
Radio, Television, and Film 200, 271, 311, 340	12
Radio, Television, and Film Electives	6
	18

DEPARTMENT OF SOCIOLOGY AND ANTHROPOLOGY

Francis D. Glamser, Chairman
Hattiesburg, MS 39406-5074
(601) 266-4306

SOCIOLOGY

The Department of Sociology and Anthropology offers a major and minor in Sociology. The sociology major may choose one of two emphases: (1) general sociology or (2) social work. A minimum of thirty (30) semester hours is required for the general sociology major while a minimum of thirty-six (36) semester hours is required for the sociology major with social work emphasis. Eighteen (18) hours are needed for the minor.

Core curricula of the University, the College of Liberal Arts, and for the Bachelor of Science or Bachelor of Arts degree programs should be followed with care. Sociology majors who wish to be certified to teach on the secondary education level should take note of the requirements outlined below. It should be noted that a student may seek certification though enrolled in the College of Liberal Arts.

Sociology majors will complete a minor in another field of their choice. Courses not needed to fulfill major, minor, or core requirements are free electives and may be taken in any department of the University.

REQUIREMENTS FOR A MAJOR IN SOCIOLOGY

(Sociology 101 is a prerequisite to all other course offerings.)

General Sociology Major

	Hours		Hours
Sociology 101	3	Sociology 462	3
Sociology 300 (required in Junior Year)	3	Sociology 482	3
Sociology 460	3	Sociology Electives (excluding 230, 320, 330, 331, 433)	15

A suggested selection of courses is listed for each year. These include required and elective courses for majors in sociology, under-graduate social work emphasis, and anthropology. The sequence of many courses can be modified with the approval of the academic adivser. Many courses have prerequisites. Always check catalog descriptions to determine this. Certain courses are regularly scheduled for fall semester of spring semester. Students should note this and plan schedules to include the needed courses; this is especially true if one's schedule anticipates the completion of academic work in December or August.

Students will need to schedule 15 to 18 hours (5 or 6 courses) per semester in order to graduate in a regular eight-term (4 year) schedule. Transfer students should schedule any needed core courses as early as possible after entering.

Bachelor of Arts Degree

FRESHMAN YEAR	SEM. HRS.
Core Electives	3
English 101, 102	6
Foreign Language	6
History	6
Mathematics 101 or 120	3
Physical Education	2
Sociology 101	3
	29

SOPHOMORE YEAR	SEM. HRS.
Core Electives	9
Electives	3
English 203, 204	6
Foreign Language	6
Science	6
Sociology Electives	6
	36

JUNIOR YEAR	SEM. HRS.
Electives	6
English 332 or 334	3
Minor	12
Sociology Electives	3
Sociology 300, 460, 462	9
	30

SENIOR YEAR	SEM. HRS.
Electives	12
Minor	9
Sociology 482	3
Sociology Electives	6
	30
TOTAL:	128

Bachelor of Science Degree

FRESHMAN YEAR	SEM. HRS.
Core Electives	3
English 101, 102	6
History 101, 102 or 140, 141	6
Mathematics 101, 120	3
Physical Education	2
Science	6
Sociology 101	3
29	

SOPHOMORE YEAR	SEM. HRS.
Core Electives	15
Elective	3
English 203, 204	6
Science	6
Sociology Electives	6
	36

JUNIOR YEAR	SEM. HRS.
Core Elective	3
English	3
Minor	12
Sociology 300, 460, 462	9
Sociology Electives	6
	33

SENIOR YEAR	SEM. HRS.
Core Electives	12
Minor	9
Sociology 482	3
Sociology Electives	6
	30
TOTAL:	128

Requirements for an Emphasis in Social Work

Bachelor of Arts Degree

FRESHMAN YEAR	SEM. HRS.
English 101-102	6
History	6
Mathematics	3
Sociology 101	3

SOPHOMORE YEAR	SEM. HRS.
English	6
Science	6
Foreign Language	6
Sociology 230, 240	6

Anthropology 101 or 212	3
Foreign Language	6
Physical Education	2
Core elective	3
	32

Psychology 110	3
Core electives	6
	33

JUNIOR YEAR	SEM. HRS.
English 332, 333 or 334	3
Sociology 320, 330, 331	9
Sociology electives	6
Minor	9
General electives	6
	33

SENIOR YEAR	SEM. HRS.
Sociology 450, 462, 433	15
Minor	9
General electives	6
	30
TOTAL:	128

Bachelor of Science Degree

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
History	6
Mathematics	3
Science	6
Sociology 101	3
Anthropology 101 or 212	3
Psychology 110	3
Physical Education	2
	32

SOPHOMORE YEAR	SEM. HRS.
English	6
Science	6
Sociology 230, 240	6
Core electives	12
Minor	3
	33

JUNIOR YEAR	SEM. HRS.
English 301, 332, 333	3
Sociology 320, 330, 331	9
Sociology electives	6
Minor	9
General electives	6
	33

SENIOR YEAR	SEM. HRS.
Sociology 450, 462, 433	15
Minor	6
General electives	9
	30
TOTAL:	128

GENERAL SOCIOLOGY MAJOR

With Fulfillment of Requirements for Certification in Secondary Education

The general sociology major who elects Secondary Education as a minor must satisfy all requirements of the University and Liberal Arts cores. In addition, such a student must complete the general sociology major and a minor in Secondary Education.

Minor: Secondary Education

Students desiring certification at the secondary level must take the following courses: EPY 372, EPY 374, CIS 310, CIS 313, CIS 422, CIS 458, CIS 488, (9 hours), REF 400, REF 469, and SPE 400.

Additional courses needed for state certification: World History (6 hours), American History (6 hours), Mississippi History (3 hours), Economics (6 hours), Political Science (6 hours), Geography (6 hours), Sociology (3 hours), plus 6 hours Social Studies electives other than Religion, Psychology, or Philosophy.

MAJOR IN ANTHROPOLOGY

A major in Anthropology (ANT) will require a minimum of thirty (30) hours in Anthropology, including ANT 101 or 212, 201, 204, 311, and 413.

Anthropology majors will complete a minor in another field of their choice.

For majors in other disciplines desiring to minor in Anthropology, a minimum of eighteen (18) semester hours including ANT 101 or 212 and 413 is required.

REQUIREMENTS FOR A MAJOR IN ANTHROPOLOGY

Bachelor of Arts Degree

FRESHMAN YEAR	SEM. HRS.
Anthropology 101 or 212	3
Core Elective	3
English 101, 102	6
Foreign Language	6
History	6
Mathematics 101 or 120	3
Physical Education	2
	29

SOPHOMORE YEAR	SEM. HRS.
Anthropology 201, 204, 212, or 311	6
Core Electives	9
Elective	3
English 203, 204	6
Foreign Language	6
Science	6
	36

JUNIOR YEAR	SEM. HRS.
Anthropology 201, 204, or 311	6
Elective in Anthropology	3
Electives (Core Completion)	12
English 332, 333, or 334	3
Minor	9
	33

SENIOR YEAR	SEM. HRS.
Anthropology 413	3
Electives in Anthropology	9
Electives	6
Minor	12
	30
TOTAL:	128

Bachelor of Science Degree

FRESHMAN YEAR	SEM. HRS.
Anthropology 101 or 212	3
Core Elective	3
English 101, 102	6
History 101, 102, or 140, 141	6
Mathematics 101, 120	3
Physical Education	2
Science	6
	29

SOPHOMORE YEAR	SEM. HRS.
Anthropology 201, 204, or 311	6
Electives in Anthropology	3
Electives (Core)	15
English 203, 204	6
Science	6
	36

JUNIOR YEAR	SEM. HRS.
Anthropology 312, 313, 314, or 315	3
Anthropology 305, 310, 401 or 316 as per Advisement	6
English 332, 333, or 334	3
Minor	12
Remaining Core	6
	30

SENIOR YEAR	SEM. HRS.
Anthropology 403, 404, 415 or 304, 310, or 401	6
Anthropology 413	3
Archeology or Cultural Anthropology	3
Electives	9
Minor	12
	33
TOTAL:	128

The required and recommended courses vary among the three fields (Cultural Anthropology, Physical Anthropology, and Archeology). After the student has made his choice among these he should work closely with an anthropology adviser to schedule the required courses and to choose among the anthropology electives.

MINOR IN ASIAN STUDIES

S. Winn, Director
Hattiesburg, MS 39406-8153
(601) 266-4306

An emphasis in Asian Studies leads to an interdisciplinary minor within the Departments of Sociology and Anthropology, Foreign Languages, Geography and Area Development, History, Philosophy and Religion, and Political Science. The program is primarily designed for students who seek preparation for positions with the United Nations Organization or with the United States Government in this or a foreign country, for careers in business and private organizations having overseas interests, for teaching, and for research projects in archaeology, anthropology, and other fields undertaken in cooperation with a university or museum.

Requirements for Minor

A minor in Asian Studies requires a total of eighteen (18) semester hours to be selected from no less than three of the following academic areas. (All courses listed below carry three hours of credit.)

ANT 314, 316, 411, 492
FL 400 (May be repeated up to a total of 6 hours for Japanese, Sanskrit, or any other Oriental Language.)
HIS 301
PHI 352, 492
PS 453
REL 435
GHY 407

DEPARTMENT OF SPEECH AND HEARING SCIENCE

Doris P. Bradley, Chairman
Hattiesburg, MS 39406-5092
(601) 266-5216

The Department of Speech and Hearing Science is concerned with the body of knowledge and scientific study that pertains to both normal and abnormal speech, hearing, and language. The department provides the environment in which information in this area can be advanced effectively and knowledge can be disseminated.

A Speech and Hearing Clinic, a School for Children with Language Disorders, a School for Children with Impaired Hearing, and a Preschool Infant Program are administered by the Department of Speech and Hearing Science to provide remedial services, educational and training experience for students, and settings for clinical research. An Acoustics Laboratory is operated by the department for the purpose of conducting pure and applied research dealing with speech and auditory processes. In addition, the department has working agreements with several off-campus clinical facilities around the state for clinical practicum experience.

Pre-Professional Program in Speech/Language Pathology and Audiology

This undergraduate curriculum is designed to provide a foundation for meeting the Mississippi State Department of Education certification requirements in speech and hearing. The minimum certification level for Speech-Language Clinicians and School Audiologists will be Class AA, which requires a master's degree. Therefore, it must be understood that the undergraduate portion of this training, described below, will **not** lead to eligibility for certification by the Mississippi State Department of Education. Eligibility for certification

will be achieved upon completion of the master's degree in the appropriate area. See the **Graduate Bulletin** for information relating to admission requirements for graduate study. Students considering public school employment in states other than Mississippi are urged to become familiar with the certification requirements in those states.

Undergraduate Program in Education of the Deaf

Bachelor of Arts teaching degrees and Bachelor of Science teaching degrees are offered by the department. Students wishing to meet the Class A certification requirements of the Mississippi State Office of Education in the area of Hearing Impaired may do so by following the degree plans described in this section under Education of the Deaf.

REQUIREMENTS FOR PRE-PROFESSIONAL BACHELOR OF ARTS DEGREE PROGRAM IN SPEECH/LANGUAGE PATHOLOGY OR AUDIOLOGY

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
Foreign Language	6
History (choose 2)	
101 and 102 or 140 and 141	6
Mathematics 101 or 120	3
Psychology 110	3
Physical Education (or substitute)	2
Speech Hearing Science 211	3
Science	3
	32

SOPHOMORE YEAR	SEM. HRS.
Educational Psychology 374	3
English 300 and 203 or 204	6
Foreign Language	6
(Fewer hours may suffice, but one intermediate level II course must be completed. See Foriegn Language courses.)	
Speech Hearing Science 201, 202, 221	9
Other Courses (from the following areas with no more than three hours from one area: Allied Arts 110, Music 365, anthropology, geography, political science, philosophy, sociology)	9
	33

JUNIOR YEAR	SEM. HRS.
English 332, 333, or 334	3
Research Foundations 400	3
Special Education 400	3
Speech Hearing Science 310	1
Speech Hearing Science 401, 402, 403, 411, 419	15
Speech Communication	3
Electives	6
	34

SENIOR YEAR	SEM. HRS.
Educational Psychology 370 or 372	3
Speech Hearing Science 410, 412, 414, 421, 430, 431, 432	21
Electives	6
	30
TOTAL:	129

REQUIREMENTS FOR A BACHELOR OF ARTS DEGREE IN EDUCATION OF THE DEAF

FRESHMAN YEAR	SEM. HRS.
Allied Arts 100	3
English 101 102	6
Foreign Language	6

SOPHOMORE YEAR	SEM. HRS.
Biological Sciences (FS 106 and FS 107 acceptable)	6
Educational Psychology 370 or 372	3

History 101 102 or 140 141 6
Mathematics 101 3
Phsyical Science (FS 104 & 105 acceptable 6
Physical Education (or substitute)..... 2
Speech & Hearing Science 101 1
Social Science Elective (geography preferred) 3

36

English 301 3
Foreign Language 6
(Fewer hours may suffice, but one intermediate level II course must be completed. See Foreign Language courses.)
Speech & Hearing Science 221, 310, 424, 425, 437 13
Psychology 110 3
Speech Communication 111 3
Social Science Elective (sociology preferred) 3

40

JUNIOR YEAR	SEM. HRS.
Educational Psychology 374	3
English (200-level or above)	6
Research Foundations 416	3
Special Education 400	3
Speech Hearing Science 311	3-4
(4 hours practicum)	
Speech Hearing Science 401, 421, 424, 427, 433, 435, 439	21
Social Science Elective	3
	41-42

SENIOR YEAR	SEM. HRS.
Curriculum & Instruction 422	3
Research & Foundations 400 & 469	6
Speech Hearing Science 436, 438, 492	9
Special Education 486	9
Speech & Hearing 311	2
(2 hours practicum)	
	29

TOTAL: 141

REQUIREMENTS FOR PRE-PROFESSIONAL BACHELOR OF SCIENCE DEGREE PROGRAM SPEECH/LANGUAGE PATHOLOGY OR AUDIOLOGY

FRESHMAN YEAR	SEM. HRS.
English 101 102	6
History 101 102 or 140 141	6
Mathematics 101 or 120	3
Other Courses (from the following areas, with no more than three hours from any one area: Allied Arts 100 or Music 365, anthropology, economics, geography)	6
Physical Education (or substitute)	2
Science	9
Speech and Hearing Science 211	3
	35

SOPHOMORE YEAR	SEM. HRS.
Educational Psychology	3
English 300 203 or 204	6
Other Courses (from the following areas, with no more than three hours from any one area: Health and Safety Education 101, philosophy, political science, sociology)	9
Psychology 110	3
Speech Communication 111	3
Speech & Hearing Science 201, 202, 221	9
	33

JUNIOR YEAR	SEM. HRS.
English 332, 333, or 334	3
Research Foundations 400	3
Special Education 400	3
Speech & Hearing Science 310	1
Speech & Hearing Science 401, 402, 403, 411, 419	15
Electives	6
	31

SENIOR YEAR	SEM. HRS.
Educational Psychology 370 or 372	3
Speech & Hearing Science 410, 412, 414, 421, 430, 431, 432	21
Electives	6
	30

TOTAL: 129

REQUIREMENTS FOR A BACHELOR OF SCIENCE DEGREE IN EDUCATION OF THE DEAF

FRESHMAN YEAR	SEM. HRS.
Allied Arts 100	3
English 101 102	6
Health Safety Education 101	3
History 101 102 or 140 & 141	6
Mathematics 101	3
Physical Education (or substitute)	2
Physical Science (FS 104 105 acceptable)	6
Psychology 110	3
Speech & Hearing Science 101	1
	33

SOPHOMORE YEAR	SEM. HRS.
Biological Science (FS 106 & 107 acceptable)	6
Educational Psychology 370 or 372	3
English 301 and a 200 level course or above	6
Social Science Elective (sociology and geography preferred)	6
Speech Communication 111	3
Speech & Hearing Science 310	1
Speech & Hearing Science 221, 401, 424, 437	12
	37

JUNIOR YEAR	SEM. HRS.
Educational Psychology 374	3
English (200 level or above)	3
Research & Foundations 416	3
Social Science Elective (political science preferred)	3
Special Education 400	3
Speech & Hearing Science 311, 421, 425, 427, 433, 435, 439	21
	36

SENIOR YEAR	SEM. HRS.
Curriculum & Instruction 422	3
Research & Foundations 400 & 469	6
Special Education 486	9
Speech & Hearing Science 311, 436, 438 492	12
	30
TOTAL:	136

DEPARTMENT OF SPEECH COMMUNICATION

Richard L. Conville, Chairman
Hattiesburg, MS 39406-5131
(601) 266-4271

The discipline of Speech Communication has as its focus the normal processes of oral, face to face, human interaction. The faculty of Speech Communication are committed to instruction of students to enhance their understanding of and skill in speech communication. The faculty are also committed to the conduct of original research so that their own understanding of speech communication and that of their colleagues may be advanced.

The Department of Speech Communication offers the Bachelor of Arts and the Bachelor of Science degrees. Speech Communication majors planning to teach in high school should choose the Speech Communication major with secondary certification. These options are explained in detail below.

The course schedules presented below are intended to aid in planning programs of study here at the University. While students may not take the designated courses at the designated times, the course schedules do provide a clear picture of what is expected.

REQUIREMENTS FOR A MAJOR IN SPEECH COMMUNICATION

The Speech Communication major may be used to achieve three different goals (1) It is an appropriate major for the student who wants a general, liberal arts education; (2) it is a good foundation for graduate school; and (3) it is an effective preparation for person-oriented careers.

AN OUTLINE OF THE SPEECH COMMUNICATION MAJOR

Students are to complete a minimum of thirty-six (36) hours as specified below

I. Core, 15 hours

SCM 100	Survey of Human Communication
SCM 111	Oral Communication
SCM 305	Interpersonal Communication
SCM 311	Persuasion
SCM 330	Small Group Communication

II. Communication Contexts, choose 3 hours

SCM 403	Political Communication
SCM 410	Organizational Communication I: Theory and Process
CIS 459	Methods in Speech Communication (for students planning to teach in high school)

III. Application, 6 hours

SCM 417	Practicum
SCM 492	Special Problems

IV. Electives, choose 12 hours.
Students must select at least 1 course from each group

A. Skills - SCM 112 Argumentation and Debate
SCM 210 Voice and Diction
SCM 312 Interviewing
SCM 315 Advanced Public Speaking
SCM 420 Organizational Communication II: Assessment and Training
SCM 411 Managing the Forensics Program

B. Theory - SCM 350 Nonverbal Communication
SCM 450 Seminar in Speech Communication
SCM 490 Theories of Speech Communication

Bachelor of Arts Degree

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
Foreign Language	6
History (101, 102, or 140, 141, are recommended)	6
Mathematics (101 or 120 is recommended)	3
Physical Education or ROTC/AFROTC (This requirement may also be met by participation in varsity athletics or associated activities)	2
Science	6
Speech Communication 100, 111	6
	35

SOPHOMORE YEAR	SEM. HRS.
English (203, 204 are recommended)	6
Foreign Language (Fewer hours may suffice, but a course of intermediate level II must be completed; see Foreign Languages courses.)	6
Other Courses (from the following areas, with no more than three hours from any one area: Allied Arts 100 or Music 365, anthropology, geography, political science, philosophy, sociology)	9
Speech Communication 305, 330	6
Electives	6
	33

JUNIOR YEAR	SEM. HRS.
English (332, 333, or 334 is recommended)	3

SENIOR YEAR	SEM. HRS.
Speech Communication 417, 492	6
Speech Communication Electives	6

Speech Communication 311	3
Speech Communication Electives	9
Elective	3
Minor Requirements	12
	30
Electives	12
Minor Requirements	6
	30
TOTAL:	128

Bachelor of Science Degree

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
History (101, 102 or 140, 141 are recommended)	6
Mathematics (101 or 120 is recommended)	3
Physical Education or ROTC/AFROTC (This requirement may also be met by participation in varsity athletics or associated activities.)	2
Science	12
Speech Communication 100, 111	6
	35

SOPHOMORE YEAR	SEM. HRS.
English (203, 204 are recommended)	6
Other Courses (from the following areas, with no more than three hours from any one area: Allied Arts 100 or Music 365, anthropology, economics, geography, Health and Safety Education 101, philosophy, political science, psychology, sociology)	18
Speech Communication 305, 330	6
Elective	3
	33

JUNIOR YEAR	SEM. HRS.
English (332, 333, or 334 is recommended)	3
Speech Communication 311	3
Speech Communication Electives	9
Elective	3
Minor Requirements	12
	30

SENIOR YEAR	SEM. HRS.
Speech Communication 417, 492	6
Speech Communication Electives	6
Electives	12
Minor Requirements	6
	30
TOTAL:	128

REQUIREMENTS FOR A SPEECH COMMUNICATION MAJOR WITH SECONDARY CERTIFICATION

The program outlined below certifies the graduate to teach Speech Communication in grades 7-12. It exceeds the requirements set down by the Mississippi State Department of Education. Note that the minor in Secondary Education also earns NCATE (National Council for Accreditation for Teacher Education) certification. Meeting NCATE requirements carries with it automatic certification in 30 states in addition to Mississippi. Note also that the total hours required by this program exceeds the University minimum of 128 by 15 hours. This must be the case in order to maintain a program of the highest quality in the teaching area plus NCATE certification.

BACHELOR OF ARTS DEGREE

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
Foreign Language	6
History (101, 102 or 140,	

SOPHOMORE YEAR	SEM. HRS.
Allied Arts 100 or Music 365	3
English (200 level literature courses are recommended)	6

141 are recommended) 6
Mathematics (101 or 120 is recommended) 3
Physical Education or ROTC/AFROTC (This requirement may also be met by participation in varsity athletics or associated activities) 2
Science 6
Speech Communication 100, 111 6
Theatre 111 3

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Foreign Language (Fewer hours may suffice, but a course of intermediate level II must be completed; see Foreign Languages courses) 6
Health and Safety Education 101 3
Psychology 110 3
Social Science 6
Elect two courses from the following disciplines (no more than 3 hours from any one): anthropology, economics, geography, philosophy, political science, sociology, religion (non-teaching majors only)
Speech Communication 112, 311 6
Speech Communication Elective 3

36

JUNIOR YEAR	SEM. HRS.
Curriculum and Instruction: CIS 310, 422	6
Educational Psychology 370 or 372	3
English (332, 333 or 334 is recommended)	3
Journalism 450	3
Radio, Television, and Film 311 or 340	3
Research and Foundations 400, 469	6
Speech Communication 305, 330	6
Speech Communication Elective	3
Theatre Arts 200	3
	36

SENIOR YEAR	SEM. HRS.
Curriculum and Instruction: CIS 313, 459, 489	15
Educational Psychology 374	3
Special Education 400	3
Speech Communication 315, 411	6
Speech Communication Elective	3
Theatre Arts 320	3
	33
TOTAL:	143

BACHELOR OF SCIENCE DEGREE

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
History (101, 102 or 140, 141 are recommended)	6
Mathematics (101 or 120 is recommended)	3
Physical Education or ROTC/AFROTC (This requirement may also be met by participation in varsity athletics or associated activities)	2
Science	12
Speech Communication 100, 111	6
Theatre 111	3

SOPHOMORE YEAR	SEM. HRS.
Allied Arts 100 or Music 365	3
English (200 level literature courses recommended)	6
Health and Safety Education 101	3
Psychology 110	3
Social Science Elect three courses from the following disciplines (no more than 3 hours from any one): anthropology, economics, geography, philosophy, political science, sociology, religion (non-teaching majors only)	9

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Speech Communication 112, 311 6
Speech Communication Elective 3
36

JUNIOR YEAR	SEM. HRS.
Curriculum and Instruction: CIS 310	3
Educational Psychology 374	3
Education Psychology 370 or 372	3
English (332, 333, or 334 is recommended)	3
Journalism 450	3
Radio, Television, and Film 311 or 340	3
Research and Foundations 400, 469	6
Speech Communication 305, 330	6
Speech Communication Elective	3
Theatre 200	3
	36

SENIOR YEAR	SEM. HRS.
Curriculum and Instruction: CIS 313, 422, 459, 489	18
Special Education 400	3
Speech Communication 315, 411	6
Speech Communication Elective	3
Theatre 320	3
	33
TOTAL:	143

REQUIREMENTS FOR A MINOR IN SPEECH COMMUNICATION

All students pursuing a minor in Speech Communication must complete eighteen (18) semester hours of Speech Communication courses. Courses recommended for the minor are:

	Hours
Speech Communication 305, 330, 410, 450	12
Speech Communication (choose two courses from 312, 320, 350)	6
	18

SCHOOL OF LIBRARY SERVICE
ACADEMIC OFFERINGS
1983-1984

Department	Major	Degree**
LIBRARY SCIENCE		
	LIBRARY SCIENCE*	BA,BS
	K-12 Certification (BS) Emphasis	
	K-12 Certification (BA) Emphasis	
	Non-Teaching (BS) Emphasis	
	Non-Teaching (BA) Emphasis	

*Minor Available
**Degree Abbreviations: (BA) Bachelor of Arts, (BS) Bachelor of Science

SCHOOL OF LIBRARY SERVICE

Onva K. Boshears, Jr., Dean
Hattiesburg, MS 39406-5146
(601) 266-4228
Joseph J. Mika, Assistant Dean
Hattiesburg, MS 39406-5146
(601) 266-4230

PURPOSE

The primary purpose of the School of Library Service is to educate students for careers in librarianship and related fields. With the current emphasis on all media formats, the curriculum is planned to prepare future librarians to organize, develop, facilitate, and evaluate a multiplicity of print and non-print resources in varying types of libraries.

ACCREDITATION

The School of Library Service is an institutional member of the American Library Association, Association of American Library Schools, Mississippi Library Association, and the Southeastern Library Association. The graduate program in Library Science is accredited by the American Library Association (see the **Graduate Bulletin**).

ACADEMIC REQUIREMENTS

Any student who satisfies admission requirements to the University through the Office of Admissions is eligible for admission to the School of Library Service. Admission to the School, however, does not constitute admission to a major program within the School. All students majoring within the School must have their major program approved by the Dean of the School of Library Service and a completed program plan on file in the Dean's Office.

In the first two years in the University, the Library Science major is expected to acquire a broad background of general education in the liberal arts and sciences. Library science courses for the undergraduate major or minor are begun in the junior year and completed in the senior year. In addition, library science majors are advised to concentrate elective hours in one subject field, professional area, or langauge in order to qualify for better library positions. Upon completion of a four-year program, a student receives a BA or BS degree with a major in Library Science. After an additional year of graduate study, one can receive the Master of Library Science (MLS) degree. In order to qualify for many professional positions in the library field, a master's degree is required. Consult the **Graduate Bulletin** for information on the graduate program in library service.

Students desiring to prepare for positions in public, college, and special library fields should follow either the Bachelor of Arts or the Bachelor of Science non-teaching degree program. Those planning on entering these fields of librarianship should be advised that they will most probably be required to continue their studies at the master's level in order to obtain a professional level position. Students desiring to become public elementary or secondary school librarian-media specialists should follow the applicable Bachelor of Science teaching degree program.

The student's choice of a degree program should be determined by his or her career goals, certification requirements, and in consultation with a faculty adviser or the Dean of the School.

REQUIREMENTS FOR ALL STUDENTS ENROLLED IN THE SCHOOL OF LIBRARY SERVICE

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
History 101 and 102 or 140 and 141	6
Mathematics	3
Science (biological science, 6 hours, and physical science, 6 hours)*	12
*The Fundamentals of Science Series satisfies this requirement.	
Social Science Elective (one course selected from: anthropology, economics, geography, political science, or sociology)	3
	30

SOPHOMORE YEAR	SEM. HRS.
English (two courses 200 level or above)	6
Fine Arts (AA 100)	3
Health and Safety Education 101	3
Library Science 101	1
Physical Education Activity	2
Psychology 110	3
Social Science Electives (one course selected from: anthropology, economics, geography, political science, or sociology)	3
Speech Communication 111	3
University Forum	1
	25

BACCALAUREATE DEGREES IN LIBRARY SCIENCE

The Bachelor of Arts and the Bachelor of Science degrees are offered in Library Science. Students in the Bachelor of Arts program must complete twelve (12) credit hours in a foreign language. Those students who have completed two (2) years of the same language in high school and who make satisfactory placement test scores may meet the language requirement by completing six (6) semester hours in the same language at the 200 level or above. The Bachelor of Science degree does not have a language requirement. Both baccalaureate degrees may also be used to satisfy the requirements for certification as a school library media specialist. Certification as a school library media specialist in the State of Mississippi requires a library science major of thirty-three (33) hours. Students from other states should consult with their respective state agencies regarding certification requirements. A non-certification major in library science requires twenty-five (25) credit hours.

REQUIREMENTS FOR A MAJOR IN LIBRARY SCIENCE

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
History 101 and 102 or 140 and 141	6
Mathematics	3
Science (biological science, 6 hours and physical science, 6 hours)*	12

SOPHOMORE YEAR	SEM. HRS.
English (two courses 200 level or above)	6
Fine Arts (AA 100)	3
Health and Safety Education 101	3
Library Science 101	1

*The Fundamentals of Science Series satisfies this requirement.	
Social Science Elective (one course selected from: anthropology, economics, geography, political science, or sociology)	3
Electives	3
	33

Physical Education Activity	2
Psychology 110	3
Social Science Electives (one course selected from: anthropology, economics, geography, political science, or sociology)	3
Speech Communication III	3
University Forum	1
Electives (Subject area minor)	8
	33

Non-Certification Emphasis[1]

JUNIOR YEAR	SEM. HRS.
Library Science 405, 411, 416	9
Library Science Electives	3
Minor Requirements	6
Electives	13
	31

SENIOR YEAR	SEM. HRS.
Library Science 401, 406, 489	10
Library Science Electives	3
Minor Requirements	6
Electives	12
	31
TOTAL:	128

[1]Non-Certification library science students must also complete the requirements for a minor, or a dual major in another field, and enough elective hours from any department of the University to complete the 128 semester hours required for a degree. Students should see their adviser for assistance in planning their minor or dual major.

Certification Emphasis[2]

JUNIOR YEAR	SEM. HRS.
Educational Psychology 370 or 372, 374	6
Library Science 405, 408, 409, 416, 417	15
Research and Foundations 400	3
Special Education 400	3
Secondary Education 310	3
Electives (Subject Area Minor)	6
	36

SENIOR YEAR	SEM. HRS.
Library Science 401, 406, 411, 418, 425, 426	18
Research and Foundations 469	3
Secondary Education 313, 422, 492	15
Electives (Subject Area Minor)	3
	39
TOTAL:	142

REQUIREMENTS FOR A MINOR IN LIBRARY SCIENCE

Any student from any school or college in the University may elect a minor in Library Science providing he has the approval of his adviser and has officially notified the Office of the Dean of the School of Library Service of his interest in seeking a minor.

A minor is particularly recommended for those students who are majoring in arts and sciences or a professional field such as business but plan on seeking a graduate degree in Library Science after the completion of their baccalaureate studies.

The following 18 hours are suggested for a minor in Library Science: LS 401, 405, 406, 411, 416; electives 3 hours.

Teaching Certification

Although students majoring in Library Science will normally receive their bachelor's degree as offered by the School of Library Service, all students who desire to be certified school librariansmedia specialists must also file a program plan with the Teacher Education Program within the College of Education and Psychology and be accepted by the Teacher Education Program. **The National Teachers Examinations are required of all candidates for teaching degrees.**

Advisement

Upon admission to the School, the student is assigned an adviser by the Office of the Dean. His adviser will approve his schedule each semester, provide counsel when necessary and sign his application for degree as the first step toward meeting degree requirements.

Academic Suspensions

Students must maintain the academic standards, as stipulated in the Academic Requirements section of this **Bulletin,** to assure readmission each semester. Academic suspension requires the Dean's approval prior to readmission.

Waiver or Substitution of Major Requirements

Any waiver or substitution of major requirements must be approved by the Dean of the School.

Placement

The School cooperates with the University Placement Services in assisting its graduates in finding positions. The student is expected to establish a file with the Placement Services two semesters before graduation to avail himself of the opportunities to be interviewed or contacted by the many libraries and governmental bodies interested in library science graduates.

Student Organizations and Financial Assistance

The School encourages students to join and actively support the activities of the Library Science Student Association. Students re urged to become student members of the American Library Association and the Mississippi Library Association and to attend meetings of these organizations whenever possible. Often these professional conferences provide job placement services.

Some funds are available exclusively for financial assistance to deserving students in the School of Library Service. Inquiry should be directed to the Dean's Office. Students may also apply for financial assistance by writing to:

Director of Financial Aid
Southern Station, Box 5101
Hattiesburg, Mississippi 39406-5101
(601) 266-4744

SCHOOL OF NURSING
ACADEMIC OFFERINGS
1983-1984

Department	Major	Degree**
NURSING-BACCALAUREATE PROGRAM		
	NURSING	BS

*Degree Abbreviation: (BS) Bachelor of Science

SCHOOL OF NURSING

Jerri D. Laube, Dean
Hattiesburg, MS 39406-5095
(601) 266-5445
Flora L. Bain, Assistant Dean
Hattiesburg, MS 39406-5095
(601) 266-5521

HISTORY

Following a year of planning and curriculum development, the first students were admitted to the School of Nursing in September, 1967. The School of Nursing received National League for Nursing accreditation in 1969. The first Bachelor of Science degrees with Nursing as a major were conferred in May, 1969.

ACCREDITATION

The School of Nursing program is accredited by the National League for Nursing and approved by the Board of Trustees of State Institutions of Higher Learning.

BACCALAUREATE PROGRAM

Gerry Cadenhead, Chairman
Hattiesburg, MS 39406-5093
(601) 266-5454

The Baccalaureate Program offers broad preparation in general education, as well as education for the professional practice of nursing in a variety of settings. Courses in the liberal arts and humanities, the sciences, and the professional components are selected to prepare the student to assume effectively his role as an individual, as a citizen, and as a professional practitioner.

Successful completion of the nursing program leads to the awarding of the Bachelor of Science Degree and establishes eligibility to take the State Board Test Pool Examination for licensure to become a Registered Nurse (RN).

ADMISSION

Applicants for admission to the Baccalaureate Program of the School of Nursing must fulfill the general University requirements as described in the Admission Section of the **Bulletin.** All entering freshman nursing students must have an ACT composite score of 18 or higher. All transfer students and registered nurse students with less than 18 ACT must have an overall GPA of 2.5 on all work attempted prior to admission to the nursing program

and must complete all the courses required in the first year of the nursing curriculum with no less than a C in each of the natural, behavioral, and social science courses before being admitted into the nursing program.

PROGRESSION

In order to progress in the School of Nursing curriculum students are required to have an overall GPA of 2.00. However, a grade of C or better must be obtained in each required course for the baccalaureate nursing major. Nursing courses may be repeated one time only. Students must meet the standards of conduct of the ANA Code of Nursing.

STUDENT ADVISEMENT

The faculty are responsible for academic counseling of all students enrolled in the program. Each student admitted to the program will be assigned an adviser. The adviser will assist the student in planning a program of study toward the degree, approve his schedule each semester, provide counsel, and sign his application for degree.

FINANCIAL AID

There are scholarship and loan funds available exclusively to students enrolled in the School of Nursing. Nursing students are also eligible to apply for assistance through other resources provided to students enrolled in the University. All applications for assistance should be forwarded to the Director of Financial Aid.

EXPENSES

The general fees and expenses are the same for nursing students as for other University students. Additional expenses incurred by nursing students such as uniforms, books, insurance, student nurse organization fees, etc., are estimated as follows:

1st Year	2nd Year	3rd Year	4th Year
$25.00	$75.00	$400.00	$100.00

Travel: Students are responsible for arranging transportation to off-campus hospitals and other agencies which constitute part of the program.

CURRICULUM

The program of study for the Bachelor of Science with a major in Nursing includes specified requirements in the physical and biological sciences, in the social and behavioral sciences, and in the humanities. These courses are selected for their foundational and supportive contributions to the study of nursing. The laboratory classes are conducted in the School of Nursing and in settings where nursing care is provided.

The curriculum in nursing is sequential; progression depends on successful completion of required courses in the preceding term.

A student majoring in nursing must complete 139 hours including sixty-two (62) hours in nursing, the major, and seventy-seven (77) hours in non-nursing courses required by the core of the University and the School of Nursing. Upon completion of this program of study, the student is eligible to write the State Board Test Pool Examination.

REQUIRED COURSES (All Curriculum Plans)

COURSE	SEM. HRS.
ANTHROPOLOGY ELECTIVE	3
BIO 110, 110L Princ. of Animal Bio.	4
BIO 220, 220L Human Anatomy and Physiology I	4
BIO 221, 221L Human Anatomy and Physiology II	4
MAT 101 College Algebra	3
MIC 201 Microorganisms in Health and Disease	4
PSY 110 General Psychology	3
PSY 360 Intro. to Statistics for the Behavioral Sciences	3

CHE 101, 101L General Chemistry I..... 4
CHE 102, 102L General Chemistry II ... 4
ENG 101 Writing One..... 3
ENG 102 Writing Two 3
ENG 333 Technical Writing..... 3
FN 367 Nutrition in Health Care..... 3
GEN 451 Medical Genetics..... 3
PSY 375 Developmental Psychology..... 3
PSY 436 Abnormal Psychology..... 3
SCM 111 Oral Communications or
SCM 305 Interpersonal Communication. 3
SOC 101 Introduction to Sociology..... 3
SOC 314 The Family..... 3

REQUIRED COURSES (Curriculum Plan Indicated)

COURSE	SEM. HRS.
NSG 300[1,2] Nursing as a Profession	3
NSG 304 [1,2] Nursing to Promote Health in the Life Cycle	4
NSG 307[3] Commonalities in Nursing Practice.	4
NSG 308[3] Pathophysiology and Pharmacology	6
NSG 309[3] Nursing Throughout the Life Cycle	10
NSG 310[3] Nursing of Individuals with Prolonged Illness	10
NSG 311L[1,2] Fundamentals of Nursing Technology	2
NSG 314L[1,2] Practicum: Nursing to Promote Health in the Life Cycle	6
NSG 324[1,2] Nursing in the Treatment and Recovery of Disease	4
NSG 334L[1,2] Practicum: Nursing in the treatment and Recovery of Disease	6
NSG 344[1,2] Health Deviations	4
NSG 357[1,2] Introduction to Pharmacology for Nursing	2
NSG 401[3] Issues For Registered Nurse Students	2

COURSE	SEM. HRS.
NSG 403[3] Approaches to Nursing	4
NSG 404 [1,2] Nursing in Illness of Undetermined and Developmental Origin	4
NSG 405[3] Nursing Theory in Primary Prevention	3
NSG 414L [1,2] Practicum: Nursing in Illness of Undetermined and Developmental Origin	6
NSG 415L[3] Primary Prevention in the Community	4
NSG 424 [1,2] Nursing to Promote Restoration, Stabilization, or Control of Integrated Functioning	4
NSG 425[3] Theoretical Approach to Acute and Long-Term Care	3
NSG 434L[1,2] Practicum: Nursing to Promote Restoration, Stabilization, or Control of Integrated Function	6
NSG 435L[3] Acute and Long-Term Prevention in the Community	4
NSG 444[1,2,3] Professional Dimensions of Nursing I	4
NSG 454[1,2,3] Professional Dimensions of Nursing II	4
NSG 462L[1,2,3] Enhancement of Individual Nursing Agency	3

[1]GENERIC (On Campus)
[2]GENERIC (Gulf Park)
[3]RN TRACK

CURRICULUM PLAN FOR NURSING MAJOR[1]

FRESHMAN YEAR	SEM. HRS.
Biology 110	4
Chemistry 101, 102	8
English 101, 102	6
Humanities Elective	3
Mathematics 101	3
Physical Education Elective	2
Psychology 110	3
Sociology 101	3
Speech Communication 111 or 305	3
	35

SOPHOMORE YEAR	SEM. HRS.
Anthropology Elective	3
Biology 220, 221	8
Food and Nutrition 367	3
Humanities Elective	3
Microbiology 201	4
Nursing 300, 311-L	5
Psychology 375	3
Sociology 314	3
Elective - Any Area	3
	35

JUNIOR YEAR	SEM. HRS.
English 333	3
Genetics 451	3
Nursing 304, 314-L, 324, 334-L, 344, 351	26
Psychology 436	3
	35

SENIOR YEAR	SEM. HRS.
Nursing 404, 414-L, 424, 434-L, 444, 454, 462-L	31
Psychology 360	3
	34
TOTAL:	139

[1]Electives - 9 hours (include 6 hours from Humanities: may select literature, allied arts, foreign language, history, philosophy, religion).

CURRICULUM PLAN FOR NURSING MAJOR (GULF PARK)[1]

JUNIOR YEAR	SEM. HRS.
English 333	3
Psychology 436	3
Genetics 451	3
Nursing 300, 311-L, 304, 314-L, 324, 334-L, 344, 351	31
	40

SENIOR YEAR	SEM. HRS.
Psychology 360	3
Nursing 404, 414-L, 424, 434-L, 444, 454, 462L	31
	34

[1]The following courses must be completed prior to entering the Junior year at Gulf Park:

COURSE	SEM. HRS.
Anthropology elective	3
Biology 110, 220, 221	12
Chemistry 101, 102	8
English 101, 102	6
Food and Nutrition 367	3
Mathematics 101	3
	35

COURSE	SEM. HRS.
Microbiology 401	4
Psychology 110, 375	6
Physical Education Elective	2
Sociology 101, 314	6
Speech Communication 111 or 305	3
Humanities electives	6
Elective - any area	3
	30

REGISTERED NURSE STUDENTS[1]

Registered nurse students must complete 138 semester hours credit as prescribed in the curriculum to meet the Bachelor of Science degree requirements.

Of the 138 semester hours credit, 77 semester hours are required in the University and School of Nursing core requirements. These are the same for all baccalaureate degree candidates and may be taken at the University of Southern Mississippi or at another accredited college or university. (See University **Bulletin** for limitation of transfer credits.) Upon completion of the 77 hours of core requirements, the registered nurse student is eligible to establish up to 30 semester hours credit in nursing through successful completion of validation examinations (NSG - 307, 308, 309, and 310). If the student fails one or more of the validation examinations, he/she will be permitted to repeat the examination(s). If the student fails the second time, he/she must take the comparable courses in the regular generic baccalaureate program. Upon successful completion of the validation examinations, the registered nurse student is eligible to pursue the following curriculum plan for completion of degree requirements.

	Hours
NSG 401 Issues for RN Students[2]	2
NSG 403 Approaches to Nursing	4
NSG 405 Nursing Theory in Primary Prevention	3

	Hours
NSG 435L Acute and Long-Term Prevention in the Community	4
NSG 444 Prof. Dimensions of Nursing I	4

NSG 415L Primary Prevention in the Community 4
NSG 425 Theoretical Approach to Acute and Long-Term Care 3
NSG 454 Prof. Dimensions of Nursing II 4
NSG 462L Enhancement of Individual Nursing Agency 3

[1]Registered nurse student is a student who is: (1) A graduate from either an associate degree program in nursing or a diploma nursing program; (2) registered to practice nursing in one of the states; and (3) admitted to and enrolled in the University of Southern Mississippi with the nursing major.
[2]Enrollment in NSG 401 **Seminar** is required during term in which validation examinations are taken.

INSURANCE

All students in the upper division of the nursing program are required to have professional and personal liability insurance. Automobile liability insurance is required as stipulated by assigned agencies.

MEDICAL EXAMINATION

A medical examination is required during the last semester of the lower division of the nursing curriculum and yearly for the remainder of the time required to complete the program.

NURSING-CONTINUING EDUCATION PROGRAM

Wynema McGrew, Chairman
Hattiesburg, MS 39406-5095
(601) 266-5445

The purpose of the Continuing Education Program is to provide educational opportunities for registered nurses to augument their nursing knowledge and skill competencies. The Program offers workshops, conferences, non-credit courses, independent study units and self-designed learning projects to registered nurses throughout Mississippi. Continuing Education Units are awarded to those who successfully complete any of these activities. The Program is accredited by the Central Regional Accrediting Committee of the American Nurses' Association as a provider of continuing education for nurses.

COLLEGE OF SCIENCE AND TECHNOLOGY
ACADEMIC OFFERINGS
1983-1984

Department	Major	Degree***
BIOLOGY		
	BIOLOGY*	BA,BS
	Botany Emphasis	
	Fisheries Biology Emphasis	
	Marine Biology Emphasis	
	Wildlife Biology Emphasis	
	Zoology Emphasis	
	(PRE-PROFESSIONAL STUDIES)**	
CHEMISTRY		
	CHEMISTRY*	BS
	Non-ACS Certified Emphasis	
	ACS Certified Emphasis	
	Biochemistry Emphasis	
COMPUTER SCIENCE AND STATISTICS		
	COMPUTER SCIENCE*	BS
	Computer Science Emphasis	
	Systems Science Emphasis	
	COMPUTER SCIENCE/DATA PROCESSING	BS
	Data Processing Emphasis	
	COMPUTER TECHNOLOGY	BS
	STATISTICS*	BS
CONSTRUCTION AND ARCHITECTURAL TECHNOLOGY		
	ARCHITECTURAL TECHNOLOGY	BS
	BUILDING CONSTRUCTION TECHNOLOGY	BS
	Construction Technology Emphasis	
GEOLOGY		
	GEOLOGY*	BS
INDUSTRIAL TECHNOLOGY		
	ELECTRONICS TECHNOLOGY*	BS
	INDUSTRIAL TECHNOLOGY	BS
	MECHANICAL TECHNOLOGY	BS
MATHEMATICS		
	MATHEMATICS*	BA,BS
MEDICAL TECHNOLOGY		
	MEDICAL TECHNOLOGY	BS
MICROBIOLOGY		
	MICROBIOLOGY	BS
	(GENETICS)****	
PHYSICS AND ASTRONOMY		
	PHYSICS*	BS
POLYMER SCIENCE		
	POLYMER SCIENCE*	BS

Department	Major	Degree**
SCIENCE EDUCATION		
	SCIENCE EDUCATION*	BS
	Biology Education Emphasis	
	Chemistry Education Emphasis	
	Earth Science Education Emphasis	
	Physics Education Emphasis	
ADDITIONAL PROGRAMS		
	(GENERAL SCIENCE)****	
	(PRE-PROFESSIONAL CURRICULA)	
	Pre-Dental**	
	Pre-Dental Hygiene**	
	Pre-Medical**	
	Pre-Medical Records Administration**	
	Pre-Optometry**	
	Pre-Pharmacy**	
	Pre-Physical Therapy**	
	Pre-Veterinary**	
	Pre-Engineering	

*Minor Available

**These programs do not lead to degrees. Students completing a pre-professional program will select an academic major with an emphasis in the appropriate pre-professional area or transfer to an appropriate professional school.

***Degree Abbreviations: (BA) Bachelor of Arts, (BS) Bachelor of Science

****Minor Only Available

COLLEGE OF SCIENCE AND TECHNOLOGY

Gary C. Wildman, Dean
Hattiesburg, MS 39406-5165
(601) 266-4883
D. James Caveny, Assistant Dean
Hattiesburg, MS 39406-5165
(601) 266-4883

The College of Science and Technology provides the student training in all of the classical fields of science, several contemporary multidisciplinary areas, and "career-oriented" technology degree programs.

The College of Science and Technology is organized into twelve departments and five institutes. The departments include Biology, Chemistry, Computer Science and Statistics, Construction and Architectural Technology, Geology, Industrial Technology, Mathematics, Medical Technology, Microbiology, Physics and Astronomy, Polymer Science, and Science Education. The institutes are the Institute of Environmental Science, the Institute of Genetics, the Institue of Microbiology and Related Sciences, the Institute of Surface Coatings, and the Mississippi Polymer Institute. In addition to the degree programs that are synonymous with the above listed department names, curricula are offered in Electronics Technology, Mechanical Technology, Computer Technology, and Data Processing.

Pre-Professional Curricula are offered by the College of Science and Technology in the following health related areas: medicine, dentistry, veterinary medicine, pharmacy, physical therapy, optometry, dental hygiene, and medical records administration. The College also provides a pre-engineering curriculum.

The College shares with the College of Education and Psychology joint responsibility for the Department of Science Education, embracing a sequence of courses titled Fundamentals of Science, and offering a major in science education for teachers.

A student wishing to obtain either a Bachelor of Science or Bachelor of Arts degree from the College of Science and Technology must complete the following College of Science and Technology requirements.

	Hours
English 101, 102, and 333	9
Science: fourteen hours; a minimum of 8 must be in laboratory sciences	14
Mathematics (not to include MAT 099)	9
Six (6) hours from the following areas: religion, literature, allied arts, foreign language, philosophy, history	6
Nine hours from the following areas, with no more than three hours from any one area: political science, geography, sociology, psychology, economics, anthropology	9
Physical Education or ROTC/AFROTC	2
Foreign language may be required at the option of the department.	
The student seeking a Bachelor of Arts degree must complete three (3) additional hours of English and meet the following requirements:	
*Foreign Language	6-9

*Students who have two years of the same language in high school and who make satisfactory placement test scores may meet the language requirement by completing six semester hours at the 200-level or above.

In addition to the degree programs offered by the College of Science and Technology, minors are available in the twelve areas noted previously under "Academic Offerings." The multidisciplinary General Science minor requires twenty-seven (27) hours from two or more appropriate fields (biology, chemistry, computer science, geology, mathematics, microbiology, and physics) with at least eight hours from each field included.

INSTITUTE OF GENETICS

Karen M. Yarbrough, Director
Hattiesburg, MS 39406-5153
(601) 266-4717

The Institute of Genetics provides facilities for undergraduate and graduate education in genetics and services to University personnel and students as well as families throughout the community and region. Information regarding academic requirements may be obtained from the **Undergraduate Bulletin** or the **Graduate Bulletin** under the Department of Microbiology.

Members of the Institute's staff operate within the framework of the Center for Health Related Sciences in order to provide coordinated, comprehensive services. The Institute's services include chromosomal culturing and karyotyping, sex chromatin tests, dermatoglyphic studies and genetic counseling. These services are available at nominal fees on a referral basis or by applying directly to the Institute of Genetics.

INSTITUTE OF ENVIRONMENTAL SCIENCE

Charles R. Brent, Director
Hattiesburg, MS 39406-5156
(601) 266-4906

The Institute of Environmental Science assembles teams of researchers from all disciplines as needed to undertake applied research in the areas of environmental studies and renewable energy resources. Providing environmental expertise to the community is another major function of the Institute.

MISSISSIPPI POLYMER INSTITUTE

Robert E. Burks, Director
Hattiesburg, MS 39406-10076
(601) 266-4869

The Mississippi Polymer Institute was approved by the Board of Trustees in September 1978. The purpose of the Institute is to conduct research designed to increase the utilization of Mississippi raw materials in polymers and to support the rapidly growing Mississippi polymer industry. The Institute is an integral part of the College of Science and Technology and functions in concert with the Department of Polymer Science.

THE UNIVERSITY CENTER FOR HEALTH RELATED SCIENCES

Karen M. Yarbrough, Director
Hattiesburg, MS 39406-5153
(601) 266-4717

PURPOSES AND RESPONSIBILITIES

The University of Southern Mississippi Center for Health Related Sciences (CHRS) is an innovative educational and clinical complex designed to provide health related services and academic training. Its purposes and responsibilities are:

1. to provide education and training for University students seeking degrees in one of the health related fields; and practicing professionals or paraprofessionals who wish to gain further knowledge or experience in a specific or broad interdisciplinary clinical program on a continuing basis;

2. to provide certain health related services not presently available to the University community, the local community, the State of Mississippi, and surrounding states, and to supplement existing services; and
3. to provide a proper setting for conducting applied and pure research in health related disciplines.

AFFILIATED PROGRAMS

Clinical Psychology. See College of Education and Psychology
Family Life Studies. See School of Home Economics.
Food and Nutrition (Dietetics). See School of Home Economics.
Gerontology. See School of Social Work.
Genetics. See College of Science and Technology.
Medical Technology. See College of Science and Technology.
Nursing. See School of Nursing.
Social Work. See School of Social Work.
Speech and Hearing. See College of Liberal Arts.

AFFILIATED HOSPITALS

Ellisville State School, Ellisville, Mississippi
Forrest County General Hospital, Hattiesburg, Mississippi
Gulf Coast Community Hospital, Biloxi, Mississippi
Hinds General Hospital, Jackson, Mississippi
Jones County Community Hospital, Laurel, Mississippi
Memorial Hospital, Gulfport, Mississippi
Singing River Hospital, Pascagoula, Mississippi

PRE-PROFESSIONAL CURRICULA

Bobby L. Middlebrooks, Director
Hattiesburg, MS 39406-10006
(601) 266-4754

The Office of Pre-Professional Curricula administers undergraduate programs leading to professional education in any of eight health related sciences. These pre-professional curricula prepare students for study of medicine, dentistry, dental hygiene, veterinary medicine, pharmacy, physical therapy, medical records administration, and optometry. The curricula, outlined below, vary in content and duration; all lead to professional study at another university which awards a certificate or degree at completion of the program.

Admission to any professional school for study of a health related science is highly competitive. Successful applicants will have achieved consistantly superior grades, chosen rigorous elective courses, scored well on the national aptitude/achievement examination required for that field, and demonstrated the quality of talent and maturity of interest necessary to pursue professional study.

Each pre-professional student is advised by a member of the Pre-Professional Committee, which is comprised of faculty experienced in undergraduate counseling within these fields of study.

PRE-MEDICAL PROGRAM

Advisers: Jeffrey A. Evans, Bobby L. Middlebrooks,
Wallace C. Pye, Raymond W. Scheetz, Robert D. Taylor
Hattiesburg, MS 39406-10006
(601) 255-4754

Schools of medicine have fundamentally similar minimal requirements for admission. Generally, these requirements include completion of specified courses in English, biology, chemistry, physics, and mathematics; three years (at least 90 semester hours) of college work; and scores from the nationally-administered Medical College Admissions Test

(MCAT). The minimal curriculum serves only as a foundation upon which a complete academic program is built. Schools of medicine normally advise pre-medical students to major in the subject area of their choice and to plan to complete a baccalaureate degree.

The curriculum outlined here meets only **minimal** requirements for admission to the School of Medicine of the University of Mississippi and to other medical schools. Student and pre-medical adviser plan a complete program of study which will satisfy the personal educational needs of the student while enabling the student to compete for admission to medical school. Pre-medical students do not major in "pre-med." Rather, as they follow a pre-medical curriculum, they work toward completing a baccalaureate degree in the field of their choice by meeting the requirements for the college core, a major field, and a minor field, with a total of 128 hours. Generally, the first two years are devoted to meeting the pre-medical and college core requirements and the last two in completing pre-medical electives and remaining degree requiements. Students prepare to take the MCAT the fall of the junior year and to make application to medical school the fall of the senior year.

Exceptional students with as few as 90 semester hours credit, who otherwise meet admissions criteria, may be admitted to medical school; under certain conditions, these individuals may transfer credits from their first year at medical school and receive the bachelor's degree from the University of Southern Mississippi.

RECOMMENDED MINIMAL PRE-MEDICAL CURRICULUM

	Hours
Biology 110, 110L; 111, 111L; 411, 411L	12
Chemistry 101, 101L; 102, 102L:, 351, 351L; 352, 352L; 421 or 426	20
English 101, 102, 333	9
Mathematics 101, 103, 276 or 314, or advanced electives in mathematics	9
Physics 101, 101L; 102, 102L (or 201, 201L, 202, 202L)	8 (10)
Science electives, including especially courses such as microbiology, immunology, comparative anatomy, cellular physiology, embryology, genetics, physical chemistry, analytical chemistry, calculus, differential equations, and advanced physics	8

Students should plan to complete requirements for a baccalaureate degree, including those for the college core, a major field, and a minor field, with a total of 128 semester hours.

PRE-DENTAL PROGRAM

Adviser: Bobby L. Middlebrooks
Hattiesburg, MS 39406-10006
(601) 266-4754

Minimal requirements for admission to most schools of dentistry are similar and normally include completion of specified courses in English, biology, chemistry, physics, and mathematics; three years (at least 90 semester hours) of college work; and scores from the nationally-administered Dental Admission Test (DAT). The minimal curriculum serves only as a foundation upon which a complete academic program is built. Students are advised to complete requirements for a baccalaureate degree in the subject area of their choice.

The curriculum outlined here meets only **minimal** requirements for admission to the School of Dentistry of the University of Mississippi. The student and the pre-dental adviser plan a complete program of study which will satisfy the personal educational needs of the student while enabling the student to compete for admission to dental school. Pre-dental students do not major in "pre-dent." Rather, as they follow a pre-dental curriculum, they work toward completing a baccalaureate degree in the field of their choice by meeting the requirements for the College Core, a major field, and a minor field, with a total of 128 hours. Generally, the first two years are devoted to meeting the pre-dental and College

Core requirements and the last two in completing pre-dental electives and remaining degree requirements. Students prepare to take the DAT the fall of the junior year and to make application to dental school the fall of the senior year.

Exceptional students with as few as 90 semester hours credit, who otherwise meet admissions criteria, may be admitted to dental school; under certain conditions, those individuals may transfer credits from their first year at dental school and receive the bachelor's degree from the University of Southern Mississippi.

RECOMMENDED MINIMAL PRE-DENTAL CURRICULUM

	Hours
Biology 110, 110L, 111, 111L, 320, 320L	12
Chemistry 101, 101L; 102, 102L; 351, 351L; 352, 352L;	17
English 101, 102, 333, and elective	12
Mathematics 101, 103, or advanced electives in mathematics	6
Physics 101, 101L, 102, 102L, or (201, 201L, 202, 202L)	8 (10)
Psychology, sociology, or philosophy electives	6
Speech Communication 111 and one elective*	6
Advanced science elective: Among those recommended are Microbiology 101, 101L, 441, 441L; Chemistry 311, 311L, 361, 421, 427L; Biology 411, 411L.	

*English 333 may be substituted. If so, an additional English elective must be completed.

PRE-DENTAL HYGIENE PROGRAM

Adviser: Wallace C. Pye
Hattiesburg, MS 39406-9396
(601) 266-4300

The University of Southern Mississippi offers a one-year pre-professional program in dental hygiene. Two additional years, leading to a certificate, are taken within the Department of Dental Hygiene, University of Mississippi Medical Center, for which admission is highly competitive. Additional information appears in the **Bulletin** of the Medical Center.

RECOMMENDED PRE-DENTAL HYGIENE CURRICULUM

	Hours
Biology 110, 110L, 220, 220L, 221, 221L	8
Chemistry 100 or 101, 101L	3 or 4
English 101, 102	6
Psychology 110	3
Sociology 101	3
Speech Communication 111	3

NOTE: The Dental Hygiene Aptitude Test (DHAT) is required for admission to dental hygiene programs. It should be taken in the fall semester of the student's pre-professional year.

PRE-VETERINARY PROGRAM

Adviser: Samuel W. Rosso
Hattiesburg, MS 39406-5018
(601) 266-4926

Residents of Mississippi wishing to study veterinary medicine may ordinarily make application only to the College of Veterinary Medicine, Mississippi State University. Criteria for admission to that college are given in the MSU publication "Requirements for Application to the College of Veterinary Medicine," which is available from the pre-veterinary

adviser. Candidates are evaluated on the basis of pre-veterinary academic preparation, as well as expertise in management of domestic animals and experience within the food-animal industry. In addition, as of 1983 all applicants must take the **Medical College** Admission Test (MCAT). Scores must be available to the Veterinary School by May 15.

The curriculum presented here satisfies **minimal** course requirements for admission to MSU College of Veterinary Medicine. Although only sixty-five (65) semester hours are required for admission, students are strongly advised to work towards completing the baccalaureate degree in a field of science by meeting requirements for the College Core, a major field, and a minor field, with a total of 128 hours. Students may acquire experience with local veterinary clinics through a co-op program offered by the Office of Cooperative Education.

RECOMMENDED MINIMAL PRE-VETERINARY CURRICULUM

	Hours
Biology 110, 110L; 111, 111L	8
Chemistry 101, 101L; 102, 102L; 351, 351L; 352,352L	17
English 101, 102,	6
Mathematics 101, 103, or advanced electives in mathematics	6
Physics 101, 101L; 102, 102L	8
Speech Communication 111	3
Electives in history, political science, sociology, economics, literature, music, art, philosophy, psychology, geography	9
Electives in biology, microbiology or chemistry (biochemistry)	8

PRE-PHARMACY PROGRAM

Adviser: Samuel W. Rosso
Hattiesburg, MS 39406-5018
(601) 266-4926

Colleges of pharmacy normally require two years of pre-professional training, but minimal requirements for admission vary. The student and the pre-pharmacy adviser will design the academic program to specifically meet the admission criteria for the college of pharmacy which the student wishes to attend. The program outlined here meets admission requirements of the School of Pharmacy of the University of Mississippi.

RECOMMENDED PRE-PHARMACY CURRICULUM

	Hours
Biology 110, 110L; 210, 210L	8
Chemistry 101, 101L; 102, 102L; 351, 351L; 352, 352L	17
Economics 200	3
English 101, 102	6
Mathematics 101, 103, or advanced electives in mathematics	6
Microbiology 101, 101L	4
Physics 101, 101L; 102, 102L	8
Electives, Social Science: anthropology, sociology, psychology, philosophy, political science, history	6
Electives, General: typing, statistics, speech communication, and accounting	12

PRE-PHYSICAL THERAPY PROGRAM

Adviser: Robert D. Taylor
Hattiesburg, MS 39406-4721
(601) 266-4754

The curriculum outlined here fulfills course requirements for admission to the Department of Physical Therapy, School of Health Related Professions, University of Mississippi. A minimum of sixty-five (65) semester hours is required, and students must have observed the work of two clinical departments of physical therapy for at least eight (8) hours prior to application. A student wishing to enter another professional school will plan an appropriate curriculum with the adviser for the pre-physical therapy program.

RECOMMENDED PRE-PHYSICAL THERAPY CURRICULUM

	Hours
Biology 110, 110L; 111, 111L; and 320, 320L or 220, 220L and 221, 221L	12 or 16
Chemistry 101, 101L; 102, 102L	8
English 101	3
Mathematics 101	3
Physics 101, 101L; 102, 102L	8
Psychology 110; and 375 or 436 or EPY 370	6
Speech Communication 111	3
Elective in sociology, economics, political science, history, or anthropology	3
Electives in classical civilization, modern language, fine arts, philosophy, or religion	9
Electives in approved courses to bring the total semester hours credit to 65.	

PRE-OPTOMETRY PROGRAM

Adviser: Wallace C. Pye
Hattiesburg, MS 39406-9396
(601) 266-4300

Students wishing to study optometry must complete two or more years in a pre-professional program. Currently, programs at the University of Alabama at Birmingham, the Southern College of Optometry in Memphis, Tenn., and the University of Houston in Houston, Tex., admit residents of Mississippi to professional study. The criteria for admission to these programs are dissimilar, and the student and pre-optometry adviser will determine the exact pre-professional curriculum to be followed. The curriculum outlined here is illustrative and does not reflect the specific entrance requirements of a particular school of optometry.

RECOMMENDED PRE-OPTOMETRY CURRICULUM

	Hours
Biology 110, 110L; 111, 111L	8
Chemistry 101, 101L; 102, 102L; 351, 351L	12
Computer Science and Statistics 211	3
English 101, 102	6
Mathematics 101, 103, 276	9
Microbiology 101, 101L	4
Physics 101, 101L; 102, 102L	8
Psychology 110	3
Social and Behavioral Science Electives	6

Additional electives to meet total credit hour requirements for school selective.

NOTE: The Optometry College Admission Test (OCAT) is a requirement for admission to all colleges of optometry and should be taken in the fall or winter of the second year of pre-professional study.

RECOMMENDED PROGRAM FOR PRE-MEDICAL RECORDS ADMINISTRATION

Adviser: Raymond W. Sheetz
Hattiesburg, MS 39406-4757

The pre-professional curriculum outlined below prepares students for the two-year professional program within the Department of Medical Records Administration, School of Health Related Professions, University of Mississippi Medical Center. This curriculum surpasses minimal curricular entrance requirements of the professional program, for which additional information appears in the **Bulletin** of the Medical Center. Acceptance into the professional program is dependent upon the degree of preparation and level of academic achievement of candidates, is highly competitive, and is administered solely by the University of Mississippi. Students completing the professional program receive the BS degree in medical records administration from the University of Mississippi.

RECOMMENDED CURRICULUM IN PRE-MEDICAL RECORDS ADMINISTRATION

	Hours
Biology 110, 110L, 111, 111L, 220, 220L 221, 221L	16
Chemistry 100 or 101, 101L	3 or 4
Computer Science and Statistics 100	3
English 101, 102, 300*, 332*	12
Mathematics 101, 112*	6
Psychology 110	3
Speech Communication	3

*Alternate courses from this department may be selected at the discretion of the adviser.

Additional electives should be taken to bring total semester hours credit to 65. Suggested electives include Microbiology 401, Psychology 251, Business Education 300, 352, Computer Science and Statistics 211, 240, Foreign Language 151, 152, Accounting 201.

NOTE: The Allied Health Professions Admission Test (AHPAT) is required as part of admission requirements to the professional program at UMC and should be taken the fall semester of the second year of the pre-professional program as in catalog.

DEPARTMENT OF BIOLOGY

Donald E. Norris, Chairman
Hattiesburg, MS 39406-5018
(601) 266-4748

The Department of Biology prepares students to become professional biologists, to enter the medical, dental, or other health-related professions, or to teach secondary biology. The undergraduate curriculum provides broad training in the cellular, organismal, and environmental aspects of the life sciences. It also allows the student to emphasize an area of particular interest, such as marine biology.

REQUIREMENTS FOR MAJOR

A student majoring in the Department of Biology may elect one of several plans of study leading to either the Bachelor of Arts or the Bachelor of Science degree. Information concerning the Master of Science degree and the Doctor of Philosophy degree is in the **Graduate Bulletin.** A student's choice of a degree program should be determined in consultation with his adviser.

A. General Core Curriculum Requirements

A student majoring in the Department of Biology must satisfy the general core requirements of the College of Science and Technology.

B. Departmental Curriculum Requirements and Recommendations
   1. Required courses for major in Biology
      a. Biology 110, 111, 210, 211, 315.
      b. Eighteen (18) additional hours in Biology, including one course from the Organismal Function Group, two courses from the Organismal Form Group, and one course from the Environmental Biology Group. Of these courses, at least one must be in botany, and at least one must be in zoology.
         Organismal Function Group: Biology 428, 429, 430, 432, 435, 454
         Organismal Form Group: Biology 404, 423, 424, 426, 436, 437, 438, 439, 440, 441, 442, 444, 448, 449, 451, 453, 457, 458, 320, 411, 420, 422
         Environmental Biology Group: Biology 461, 462, 463, 465, 466, 467, 475
      c. Genetics 402.
      d. Chemistry 101, 102, 351, 352. With the approval of the chairman, students not planning to do graduate work or to enter other professional programs may take CHE 251, and 321 in place of CHE 351, 352.

REQUIREMENTS AND RECOMMENDATIONS FOR BIOLOGY MAJOR

FRESHMAN YEAR	SEM. HRS.
Biology 110, 110L, 111, 111L	8
Chemistry 101, 101L, 102, 102L	8
English 101, 102	6
Mathematics 101, 103	6
PE or ROTC/AFROTC	2
	30

SOPHOMORE YEAR	SEM. HRS.
Biology 210, 210L, 211, 211L	9
Chemistry 351, 351L, 352, 352L or 251, 251L, 321, 321L	9
Mathematics 314 or Computer Science 211	3
Social Sciences and Humanities Core	12
	33

Zoology Emphasis

JUNIOR YEAR	SEM. HRS.
Biology 315	3
Biology Electives	
Function Group (428, 429, 430, 432, 435)	3-4
Form Group (404, 423, 424, 426, 436, 437, 439 440, 441, 442, 444, 320 411, 420, 422)	6-8
Genetics 402	3
Social Sciences of Humanities Core	3
Electives	12-15

SENIOR YEAR	SEM. HRS.
Biology Electives	
Environmental Group (461, 462, 463, 465, 466, 467)	3
Other courses	6
English	3
Electives	21

Botany Emphasis

JUNIOR YEAR	SEM. HRS.
Biology 315	3
Biology Electives	
Function Group (454)	3
Form Group (448, 449, 450, 451, 453, 457, 458)	6
Genetics 402	3
Social Sciences or Humanities Core	3
Electives	14

SENIOR YEAR	SEM. HRS.
Biology Electives	
Environmental Group (475)	3
Other courses	6
English	3
Electives	20

Marine Biology Emphasis

JUNIOR YEAR	SEM. HRS.
Biology 315	3
Biology Electives	
Function Group (428, 429, 430, 432)	3-4
Form Group (436, 437, 440, 444, 449, 320, 411, 450, 453)	6-8
Genetics 402	3
Social Sciences or Humanities Core	3
Electives	12-15

SENIOR YEAR	SEM. HRS.
Biology Electives	
Environmental Group (461, 462, 463, 475)	3
Other courses	6
English	3
Electives	20

2. Recommended courses in area of pre-professional training in medicine, dentistry, pharmacy, and veterinary medicine are outlined in this **Bulletin** in the beginning of the College of Science and Technology section.
3. The curriculum in the Department of Biology is certified by the National Council for Accreditation of Teacher Education for those electing a minor in Secondary Education.

GULF COAST RESEARCH LABORATORY

The Department of Biology is allied with the Gulf Coast Research Laboratory in Ocean Springs. Biology students at both the undergraduate and graduate levels and faculty at both institutions actively participate in teaching and research activities at the Gulf Coast Research Laboratory. Summer course work at Ocean Springs is strongly recommended. The following courses are taught only at the Gulf Coast Research Laboratory: Biology 481, 483, 485, 486, 487, 488, 489.

DEPARTMENT OF CHEMISTRY

David L. Wertz, Chairman
Hattiesburg, MS 39406-5043
(601) 266-4701

A student majoring in Chemistry must work toward the Bachelor of Science degree. For information concerning the Master of Science degree and the Doctor of Philosophy degree, see the **Graduate Bulletin.** A major in Chemistry includes satisfaction of the general core requirements of the University and the College of Science and Technology and no less than thirty-four (34) semester hours of chemistry. A minor is not required. The lecture and laboratory portions of required courses must be taken concomitantly.

REQUIREMENTS OF A MAJOR IN CHEMISTRY

FRESHMAN YEAR	SEM. HRS.
Chemistry 101, 101L, 102, 102L	8
Elective	3
English 101, 102	6
Humanities Core	3
Mathematics 101, 103	6
Social Science Core	6
	32

SOPHOMORE YEAR	SEM. HRS.
Chemistry 351, 351L, 352, 352L	9
Mathematics 278, 377 or 276, 277, 378	9
Physical Education	2
Social Science Core	3
Elective	9
	32

JUNIOR YEAR	SEM. HRS.
Chemistry 311, 311L	5
English 333	3
Elective	14-16
Physics 101, 101L, 102, 102L, or 201, 201L, 202, 202L	8-10
	32

SENIOR YEAR	SEM. HRS.
Chemistry 411, 461, 461L, 462, 462L	12
Elective	14
Humanities Core	6
	32
TOTAL:	128

REQUIREMENTS FOR AN ACS CERTIFIED MAJOR IN CHEMISTRY

This emphasis is certified by the Committee on Professional Training of the American Chemical Society.

FRESHMAN YEAR	SEM. HRS.
Chemistry 101, 101L, 102, 102L	8
Mathematics 101, 103	6
English 101, 102	6
Humanities Core	6
Social Science Core	3
Physical Education	2
	31

SOPHOMORE YEAR	SEM. HRS.
Chemistry 351, 351L, 352, 352L	9
Mathematics 278, 377 or 276, 277, 378	9
Physics 201, 201L, 202, 202L	10
Social Science Core	3
Humanities Core	3
	34

JUNIOR YEAR	SEM. HRS.
Chemistry 311, 311L, 461, 461L, 462, 462L	13
English 333	3
Computer Science 100 or 240	3
Social Science Core	3
Mathematics 385	3
Elective*	6
	31

SENIOR YEAR	SEM. HRS.
Chemistry 400, 411, 426, 427L, 431, 496	15-17
Chemistry 432 or Polymer Science 412	3
Elective*	12-14
	30-34

*Recommended electives include CHE 441, 451, 496L, GEN 402, CSS 240, 340, GLY 101, PHY 361, FL 121, 122, 161, 162, 221, 222, 261, 262, MAT 326, MGT 360, 364, INT 301, PSC 191, 291.

COMMON REQUIREMENTS FOR A MAJOR IN CHEMISTRY (SECONDARY EDUCATION DEGREE)

A major in Chemistry for secondary education will include not less than thirty-two (32) in science of which twenty-five (25) hours must consist of:
Chemistry 101, 101L, 102, 102L, 251, 251L, 311, 311L, 321, 321L.

CHEMISTRY MINOR

The following is recommended for a minor in Chemistry: 18 hours at the level of 300 and above including CHE 311, 311L, 351, 351L, 352 and 352L.

DEPARTMENT OF COMPUTER SCIENCE AND STATISTICS

Danny R. Carter, Chairman
Hattiesburg, MS 39406-5106
(601) 266-4949

The Computer Science and Statistics Department is designed to meet the great demand for trained personnel in electronic computers, and statistics in business, science, engineering,

government, and the academic world. Current course offerings provide for an academic major in computer science, data processing, computer technology, systems science, or statistics at the undergraduate level and a major in computer science or statistics at the graduate level.

The department has an extensive cooperative education program with industry for selective students. The students selected for this program attend school and work on alternate semesters. The curriculum is supported by a DEC VAX 11/780 which is used exclusively for computer science education.

REQUIREMENTS FOR A MAJOR IN COMPUTER SCIENCE

FRESHMAN YEAR	SEM. HRS.
Computer Science 100, 240	6
English 101, 102	6
Humanities Core	6
Mathematics	6
Physical Education, ROTC/AFROTC	2
Social Science Core	6
	32

SOPHOMORE YEAR	SEM. HRS.
Computer Science 340, 341, 370, 370L	10
Electives	6
Lab Science	8
*Mathematics	3
Social Science Core	3
*Minor	6
	36

JUNIOR YEAR	SEM. HRS.
Computer Science 342, 350, 441, 460, 490, one elective from 323, 324, 420, 421, 425, 470, 470L	19 or 20
English 333	3
*Minor	6
Science	3
	31 or 32

SENIOR YEAR	SEM. HRS.
Computer Science 461, 462, 490, two electives from 426, 442, 477, 478, 478L, 480, two electives from 320, 415, 416, 422, 435, 436	19 or 20
Electives	4
*Minor	6
Science	3
	32 or 33

*The minor consist of eighteen (18) hours. Suggested minors include the following: accounting, electronics technology, general business, geography, mathematics, physics, or statistics.

REQUIREMENTS FOR A MAJOR IN STATISTICS

FRESHMAN YEAR	SEM. HRS.
Computer Science 240, 340	6
English 101, 102	6
Humanities Core	6
Mathematics 101, 103	6
Physical Education, ROTC/AFROTC	2
Social Science Core	6
	32

SOPHOMORE YEAR	SEM. HRS.
Computer Science 211, 212, 320	9
Electives	6
Lab Science	8
*Mathematics 276 or 278, 277, or 377	6 or 9
Social Science Core	3
	32 or 35

JUNIOR YEAR	SEM. HRS.
Computer Science 415, 416, 420, 422, 490	13
English 333	3
*Mathematics 326, 378, 385	9
Science	6
	31

SENIOR YEAR	SEM. HRS.
Computer Science 417, 418, 435, 436, 441	17
Electives	12
Management 360	3
	32

*Students may select a subject other than Mathematics for a minor. The minor consists of eighteen (18) hours. Suggested minors include the following: accounting, electronics technology, geography, physics or statistics.

REQUIREMENTS FOR A MAJOR IN DATA PROCESSING

FRESHMAN YEAR	SEM. HRS.
Computer Science 100, 240	6
English 101, 102	6
Humanities Core	6
Mathematics 101, 103	6
Physical Education, ROTC/AFROTC	2
Social Science Core	6
	32

SOPHOMORE YEAR	SEM. HRS.
Accounting 201, 202	6
Computer Science 320, 340, 341	9
Economics 255	3
General Business 295	3
Lab Science	8
Mathematics 312	3
	32

JUNIOR YEAR	SEM. HRS.
Accounting 301, 302	6
Computer Science 342, 350, 422, 441, 490	15
English 333	3
Management 360	3
Science	6
	33

SENIOR YEAR	SEM. HRS.
Accounting 320, 330, 401 or 409	9
Computer Science 211, 212, 442, 480	14
Electives	9
	32

This is an interdisciplinary major offered in conjunction with the School of Professional Accountancy, College of Business Administration. A minor is not required.

Requirements for an Emphasis in Systems Science

FRESHMAN YEAR	SEM. HRS.
Computer Science 240, 340	6
English 101, 102	6
Humanities Core	6
Mathematics 276, 277	6
Physics 201, 201L, 202, 202L	10
	34

SOPHOMORE YEAR	SEM. HRS.
Computer Science 320, 341, 420, 441	14
Mathematics 378, 379	6
Physics 327, 327L	4
Social Science Core	6
Physical Education, ROTC/AFROTC	2
	32

JUNIOR YEAR	SEM. HRS.
Computer Science 323, 324, 415, 416, 470, 470L, 471, 471L	20
English 333	3
Mathematics 326, 385	6
Physics 328, 328L or 421	3 or 4
	32 or 33

SENIOR YEAR	SEM. HRS.
Computer Science 423, 435, 436, 476, 478, 478L	16
Electives	10
Mathematics 417	3
Social Science Core	3
	32

REQUIREMENTS FOR A MAJOR IN COMPUTER TECHNOLOGY

FRESHMAN YEAR	SEM. HRS.
Computer Science 100, 240	6
English 101, 102	6
Humanities Core	6
Mathematics 101, 103	6
Physical Education, ROTC/AFROTC	2
Social Science Core	6
	32

SOPHOMORE YEAR	SEM. HRS.
Computer Science 340, 341, 370, 370L, 441	15
Electives	3
Physics 201, 201L, 202, 202L	8
Mathematics 276 or 278	3 or 5
Social Science Core	3
	32 or 34

Software Option

JUNIOR YEAR	SEM. HRS.	SENIOR YEAR	SEM. HRS.
Computer Science 460, 461, 470, 470L, 471, 471L	14	Computer Science 425, 462, 477, 478, 478L, 490	15
Electronics Technology 110, 110L, 111, 111L, 310, 310L	12	Electives	3
English 333	3	Electronics Technology 332, 332L, 333, 333L	8
Science	3	Management 360	3
		Science	3
	32		32

Hardware Option

JUNIOR YEAR	SEM. HRS.	SENIOR YEAR	SEM. HRS.
Computer Science 323, 324, 470, 470L, 471, 471L	14	Computer Science 425, 426, 460, 477, 477L, 478, 8L	17
Electronics Technology 313, 313L, 332, 332L	8	Electronics Technology 333, 333L, 412, 412L, 470, 470L	12
English 333	3	Physics 328, 328L	3
Mathematics 277 or 377, 378	6 or 7		
Physics 327, 327L	4		
	35 or 36		32

DEPARTMENT OF CONSTRUCTION AND ARCHITECTURAL TECHNOLOGY

B.J. Covington, Chairman
Hattiesburg, MS 39406-5137
(601) 266-4889

The department offers two degree programs with emphasis in "career-oriented" education: Architectural Technology and Construction Technology. Both programs are ABET accredited. Students are encouraged to seek work experience related to their area of interest prior to graduation. Potential transfer students from junior colleges are encouraged to consult with their adviser and the University curricula adviser as early as possible before transferring.

ARCHITECTURAL TECHNOLOGY

Ysidro Salinas, Coordinator

This program provides the student with a technical background in architectural principles and physical sciences, balanced by a foundation of humanities, social sciences, and communications. The program follows the subject area guidelines recommended by the Accreditation Board for Engineering and Technology, Inc. Graduates find employment in architectural offices in specifications, contract documents, field construction inspection, and office management; residential design and construction; technical sales for building products; and the related areas of environmental design and planning. With appropriate experience, graduates may seek professional status. The recommended sequence of courses is as follows:

REQUIREMENTS FOR A MAJOR IN ARCHITECTURAL TECHNOLOGY

FRESHMAN YEAR	SEM. HRS.	SOPHOMORE YEAR	SEM. HRS.
Architectural Techology *132, *132L, 204, 222, 323, 323L	12	Architectural Technology 241, 261, 261L, 262, 262L, 324, 324L, 235, 235L, 336, 336L	18
Art Education 207	3		

English 101, 102	6
Humanities and Fine Arts Core	3
Mathematics 101, 103	6
Physical Education	2
	32

Computer Science 100	3
Construction Technology 205, 205L	3
Mathematics 236 or 276	3
Physics 105, 105L, 106, 106L	8
	35

JUNIOR YEAR	SEM. HRS.
Architectural Technology 315, 316, 325, 326, 342, 343, 363, 363L, 364, 364L	22
Construction Technology 454	4
Economics 255	3
Real Estate 330	3
	32

SENIOR YEAR	SEM. HRS.
Architectural Technology 400, 401, 465, 465L, 492	10
Construction Technology 358, 455	7
English 333	3
Mechanical Technology 444	3
Political Science 101	3
Psychology 110	3
Science Core**	3
	32
TOTAL:	131

*May be waived for one year of high school drafting.
**See adviser for approved courses.

CONSTRUCTION TECHNOLOGY

B.J. Covington, Coordinator

The construction program is designed to educate the CONSTRUCTOR, utilizing a varied education base of business management, building technology, construction, and socio-humanistic studies. Constructor graduates enter the industry in field and office engineering, estimating and project management of residential, commercial, industrial, heavy-highway, and utility construction. This program follows the subject area guidelines recommended by the Accreditation Board for Engineering and Technology, Inc., the American Council for Construction Education and is affiliated with the Associated Schools of Construction. The recommended sequence of courses is as follows:

REQUIREMENTS FOR A MAJOR IN CONSTRUCTION TECHNOLOGY

FRESHMAN YEAR	SEM. HRS.
Architectural Technology *132, *132L, 204	6
Construction Technology 101, 101L	2
English 101, 102	6
Humanities and Fine Arts Core	6
Geology 101	3
Mathematics 101, 103	6
Physical Education	2
	31

SOPHOMORE YEAR	SEM. HRS.
Accounting 201	3
Architectural Technology 241	3
Construction Technology 205, 205L, 235, 235L, 336, 336L	9
Computer Science 100	3
General Business 295	3
Mathematics 312	3
Physics 105, 105L, 106, 106L	8
Social Science Core	3
	35

JUNIOR YEAR	SEM. HRS.
Architectural Technology 315, 316, 326, 342, 343	14
Construction Technology 307, 307L, 358, 374, 375	10
Economics 255	3
English 333	3
Management 360	3
	33

SENIOR YEAR	SEM. HRS.
Construction Technology 444, 445, 454, 455, 476, 477, 492	21
Industrial Technology 301	3
Management Elective	3
Mechanical Technology 444	3
Social Science Elective	3
	33
TOTAL:	132

*May be waived for one year of high school drafting.
**See adviser for approved courses.

DEPARTMENT OF GEOLOGY

Maurice Meylan, Chairman
Hattiesburg, MS 39406-5044
(601) 266-4526

Students may major in Geology as preparation for careers in development of natural resources, regional and national planning, research, secondary education, college and university teaching, oceanography, exploration of the Earth and Space, environmental studies, and other allied occupations. A Bachelor of Science and graduate work through the master's degree are offered in the department.

High School Preparation. Secondary students planning to prepare for professional careers in the geological sciences should complete credits in biology, chemistry, and physics (if available), mathematics through second-year algebra, solid geometry, and trigonometry (or equivalent). Other desirable credits include foreign language, engineering drawing or similar courses in drafting and typing.

COMMON REQUIREMENTS FOR A MAJOR IN GEOLOGY

For the Bachelor of Science in Geology, the following courses, in addition to the requirements of the University Core and the College of Science and Technology, are required:

REQUIRED CURRICULUM FOR GEOLOGY MAJORS

FRESHMAN YEAR	SEM. HRS.
Biology 110, 110L	4
Chemistry 101, 101L	4
Chemistry 102, 102L	4
English 101, 102	6
Geology 101, 101L	4
Geology 103, 103L	4
Mathematics 101, 103	6
Physical Education	1
	33

SOPHOMORE YEAR	SEM. HRS.
Fine Arts or Humanities	6
Geology 301	4
Geology 304	4
Geology 341	4
Mathematics 276, 277	6
Minor	3
Social Science Core	6
	33

JUNIOR YEAR	SEM. HRS.
English 333	3
Geology 308	4
Geology 310*	3
Geology 380	1
Minor	6
Physics 101, 101L or 105, 105L	4
Physics 102, 102L or 106, 106L	4
	31

SENIOR YEAR	SEM. HRS.
Electives	10
Geology 401*	3
Geology 405*	3
Minor	9
Physical Education	1
Social Science Core	3
Summer Field Camp	6
	35
TOTAL:	128

*Geology 403, Geology 410, or Geology 420 may be substituted for one of these courses with approval of adviser.

The requirement for field geology may be met by taking summer geology courses offered at marine stations, such as the Gulf Coast Research Laboratory in Ocean Springs, Mississippi, if the student demonstrates extenuating circumstances and upon approval by the Geology Department faculty.

MINORS RECOMMENDED FOR GEOLOGY MAJORS

A minor of eighteen (18) hours is suggested. Suggested minors include the following: biology, chemistry, computer science, mathematics, physics, or general science (27 hours).

GEOLOGY MINOR AND PREPARATION FOR SECONDARY EDUCATION, EARTH SCIENCE TEACHING

The following courses are required for students seeking a geology minor: Geology 101, 101-L, 103, and 103-L; to complete the minor, ten (10) additional hours of geology courses are necessary.

The following courses are suggested for students seeking preparation for earth science teaching in secondary schools: Geology 101, 101L, 103, 103L, 301, 304, 310, and 341.

DEPARTMENT OF INDUSTRIAL TECHNOLOGY

C. Howard Heiden, Chairman
Hattiesburg, MS 39406-5172
(601) 266-4896

The Department of Industrial Technology encompasses technology programs with direct application to industry to include mechanical technology, electronic technology, and industrial technology. These programs are designed to give the student a working knowledge of industrial applications of his or her technical speciality and an understanding of the basic supervisory skills such as management principles, safety awareness, and financial concepts. Electives in the humanities and social sciences are encouraged to give the student a greater awareness and understanding of his or her future role in society.

Suggested programs follow:

MECHANICAL TECHNOLOGY

John W. Lipscomb, Jr., Coordinator
Hattiesburg, MS 39406-5172
(601) 266-4092

The Mechanical Technology major is concerned with the practical application of engineering principles to the design, operation, and testing of mechanical equipment and systems. Fields of study include solar energy, strength of materials, machine design, computer applications, digital instrumentation, fluids, hydraulics, air conditioning design, manufacturing materials and processes, and personnel supervision. Students also develop competence in physics and applied mathematics. Graduates are able to solve problems involving the choice of materials, mechanical design, the manufacturing process required, as well as the economic and personnel considerations. Because of the large demand for technically educated men and women, Mechanical Technology graduates can expect to develop a rewarding, successful career in many employment settings such as industry, government, consulting, or service.

REQUIREMENTS FOR A MAJOR IN MECHANICAL TECHNOLOGY

FRESHMAN YEAR	SEM. HRS.
English; ENG 101, 102	6
Graphics; INT 148, 249	6
Humanities and Fine Arts Core	6
College Algebra; MAT 101	3
Trigonometry; MAT 103 or 133	3
Social Science Core	6
Physical Activities Core	2
	32

SOPHOMORE YEAR	SEM. HRS.
FORTRAN Programming; CSS 240	3
Descriptive Geometry; INT 250	3
Statistics; CSS 211	3
Applied Calculus; MAT 236, 237	6
Air Conditioning Design MET 330, 330L	4
Metals Machining IVE 360 and 362	6
Applied Physics, PHY 105, 105L PHY 106, 106L	8
	33

JUNIOR YEAR	SEM. HRS.
Chemistry; CHE 101, 101L	4
Elec. Energy Sys., ELT 342, 342L	4
Management; MGT 360	3
Advanced Air Cond., MET 331	3
Social Science Core	3
Statics, ACT 241	3
Strength of Materials; ACT 342, MET 342L	4
Structure of Materials PSC 330	3
Electronics for Scientists; ELT 411	4
Instrumentation, INT 308	3
	34

SENIOR YEAR	SEM. HRS.
Manufacturing Process; INT 300	3
Engineering Economics; INT 301	3
Quality Control; INT 302	3
Production Technology, INT 405	3
Fluid Mechanics, MET 323, 323L	4
Machine Design; MET 362	3
Solar Energy; MET 444, 444L	4
Technical Writing; ENG 333	3
Technical Elective	3
Senior Project, MET 400	3
	32
TOTAL:	131

INDUSTRIAL TECHNOLOGY

Wesley L. Baldwin, Coordinator
Hattiesburg, MS 39406-5172
(601) 266-4898

The major in Industrial Technology offers a baccalaureate program with an emphasis in manufacturing. This plan of study reflects the growing demands of industry for employees with competence in manufacturing processes, material science, digital instrumentation, automation, and computer-aided manufacturing. In addition to these technical specialities, this program provides the graduate with a strong background in the technical sciences and applied mathematics. Elective courses may be taken in management or production. Graduates are placed in a wide spectrum of jobs in production, supervision, sales, and testing. Students wishing to transfer into this program from a junior college should present credit in the following areas: Applied Mathematics, 6 hours; Computer Programming (BASIC or FORTRAN) 3 hours; Physics, 8 hours; and Graphics, 6 hours.

REQUIREMENTS FOR A MAJOR IN INDUSTRIAL TECHNOLOGY

FRESHMAN YEAR	SEM. HRS.
Composition; ENG 101, 102	6
Algebra and Trig.; MAT 101, 133	6
Graphics; INT 148; 249	6
Humanities, Fine Arts, PHI 253, PSY 110	6
Economics; ECO 256	3
Social Science	3
Physical Activities	2
	32

SOPHOMORE YEAR	SEM. HRS.
Physics; PHY 105, 105L 106, 106L	8
Calculus; MAT 236, 237	6
Metals, Machining; IVE 360, 362	6
Statistics; CCS 211	3
FORTRAN Programming; CSS 240	3
Descriptive Geometry; INT 250	3
Air Conditioning; MET 330, 330L	4
	33

Management Specialty*

JUNIOR YEAR	SEM. HRS.
Statics, Strength of Materials ACT 241, 342; MET 342L	7
Quality Control; INT 302	3
Chemistry; CHE 101, 101L	4
Engineering Economics; INT 301	3

SENIOR YEAR	SEM. HRS.
Automation and Manufacturing INT 406, 408	6
Electronics; ELT 411	4
Processes; INT 300	3
Machine Design; MET 362	3

Management; MGT 360	3
Materials Science; PSC 330	3
Technical Writing; ENG 333	3
Instrumentation; INT 308	3
Social Science; HIS 316	3
	32

Energy Systems; INT 440 or MET 444	3
Production; INT 405, 409	6
Senior Project; INT 400	3
Technical Electives	6
	34
TOTAL:	131

Production Specialty*

JUNIOR YEAR	SEM. HRS.
English 333	3
Industrial Technology 302, 308, 405	9
Industrial Vocational Ed. 331, 333	6
Management, MGT 360	3
Mathematics 312 or 236	3
Structure of Materials, PSC 330 or IVE 318	3
Statics, ACT 241	3
Strengths, ACT 342	3
	33

SENIOR YEAR	SEM. HRS.
Electronics, ELT 411	4
Industrial Hygiene, ESC 431, 431L	4
Industrial Technology 401, 406, 408, 409	12
Industrial Vocational Ed. 462	3
Management 464, 465	6
Technical Elective	3
	32
TOTAL:	130

*The management specialty stresses the development of interpersonal skills which are used in the industrial environment. The production speciality stresses manipulative skills and a basic understanding of industrial management.

ELECTRONICS TECHNOLOGY

(An ABET Accredited Engineering Technology Program)

Ted Bogart, Coordinator

Hattiesburg, MS 39406-5172

(601) 266-4899

The major in Electronics Technology offers a wide variety of modern topics in electronics. Extensive laboratory equipment in the fields of communications, control systems, digital electronics, industrial instrumentation, and industrial energy systems is available for student laboratory experiments. Graduates are expected to have an extensive, practical knowledge of electronics and are expected to fill supervisory positions in industry.

The Electronics Technology program is offered both as a "Two-plus-Two" program and as a 4-year baccalaureate program. Students transferring from a junior college or technical institute should have completed the following courses prior to entering USM. Students transferring to USM having completed these courses should expect to finish in four full-time semesters.

	Hours
Basic AC/DC Circuits (with laboratory)	6
Basic Electronic Devices (with laboratory)	6
Intermediate Circuits (Communications, Microwave)	6
Motors, Generators, Industrial Instrumentation	3
Advanced Circuits (Logic, Digital)	6
	27
English Composition (6), Algebra and Trigonometry (6), Physics (8), Graphics (3), Social Sciences and Humanities (15)	38
TOTAL:	65

REQUIREMENTS FOR A MAJOR IN ELECTRONICS TECHNOLOGY

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
Electronics Technology 101, 102, 110, 111, 110L, 111L	10
Mathematics 101, 133	6
Physics 105, 106, 105L, 106L	8
Physical Education or ROTC	2
	32

SOPHOMORE YEAR	SEM. HRS.
Electronics Technology 210, 211, 220, 230, 240, 342, 210L, 211L, 342L	21
Mathematics 236, 237	6
Social Science Core	6
	33

JUNIOR YEAR	SEM. HRS.
Computer Science 100, 240, 211	9
Electronics Technology 313, 314, 332, 333, 313L, 314L, 332L, 333L	16
English 333	3
Management 360 or 386	3
Humanities and Fine Arts Core	3
	34

SENIOR YEAR	SEM. HRS.
Electronics Technology 400, 401, 412, 470, 412L, 470L	14
*Electronics Electives	3
Humanities and Fine Arts Core	3
Industrial Technology 301, 405 or 408	6
Mechanical Technology 330, 444 or PHY 332	3
Social Sciences Core	3
Structure of Materials, PSC 330 or CHE 101, 101L	3 (4)
	35
TOTAL:	134

*Electronics electives for ELT majors may be selected from ELT 461 or 492, CSS 471, INT 308, or PHY 435.

ELECTRONICS TECHNOLOGY AS A MINOR

The recommended Electronics Technology minor consists of the following courses:

	Hours
ELT 110, 110L, 111, 111L	8
ELT 210, 210L, 211, 211L	8
Electronics Elective	3
	19

Although the Electronics Technology minor requirements may vary somewhat from the above recommendation depending upon the previous choice of major and the courses already completed, the following guidelines should be observed.

(1) A minimum of 18 semester hours of Electronics Technology coursework must be taken at this University. Because of accreditation requirements, it is not possible to satisfy the minor by transfer of courses from non-ABET accredited programs at other institutions.

(2) ELT 101 and 102 (Introduction to Electronics Technology) are not required for the Electronics Technology minor. If taken as partial fulfillment of the electives requirement, they must be taken concurrently with ELT 110 and 111 respectively.

(3) ELT 411 or 511, Electronics for Scientists, may not be used to satisfy the minor requirements.

PRE-ENGINEERING CURRICULUM OUTLINES

J. W. Lipscomb, Jr., and Wesley Baldwin, Coordinators
Hattiesburg, MS 39406-5172
(601) 266-4898

The pre-engineering curriculum listed below is a two-year, freshman/sophomore level program designed to prepare students to enter the junior year of a four-year engineering

school. The program is general in nature and can be applied to the following engineering curricula offered at engineering schools in Mississippi. Students planning to enter pre-engineering should have a strong interest and good aptitude in mathematics.

Aerospace Engineering	Electrical Engineering
Agricultural Engineering	Industrial Engineering
Biological Engineering	Mechanical Engineering
Chemical Engineering	Nuclear Engineering
Civil Engineering	Petroleum Engineering

(Students planning to transfer to out-of-state engineering schools should plan to meet with the pre-engineering adviser at the conclusion of their freshman year to plan an appropriate schedule of sophomore level courses.)

REQUIREMENTS FOR A MAJOR IN PRE-ENGINEERING

FRESHMAN YEAR	SEM. HRS.	SOPHOMORE YEAR	SEM. HRS.
Chemistry 101, 102, 101L, 102L	8	Computer Science 240	3
English 101	3	Vector Statics, MET 260	3
Graphics, INT 148, 250	6	Engineering Economics, INT 301	3
Mathematics 278, 377	9	History 140	3
Physical Education or ROTC	2	Mathematics 379, 385	6
Sociology 101	3	Physics 201, 202, 201L, 202L	10
		Political Science 101	3
		Psychology 110	3
	31		34

(Students preparing to enter Chemical or Biological Engineering should take Chemistry 351 and 351-L, instead of PS 101, SOC 101, or PSY 110).

DEPARTMENT OF MATHEMATICS

Steve Doblin, Chairman
Hattiesburg, MS 39406-5045
(601) 266-4289

The Department of Mathematics offers a flexible curriculum for baccalaureate degrees, so that individual students may tailor their university mathematics programs to fit specific educational and career objectives. The Bachelor of Arts and Bachelor of Science degrees in mathematics provide sound foundations for a broad latitude of careers in education, industry, business and government. Most of today's challenging careers call for continuing education beyond the bachelor's degree, and an undergraduate major in mathematics provides a versatile avenue for preparing for advanced studies in a number of fields, including mathematics, computer science, statistics, management science, actuarial science, mathematics education, engineering, applied mathematics, law, and medicine. The Department of Mathematics offers the Master of Science degree, and, in cooperation with the College of Education and Psychology, the Master of Education, the Specialist, the Doctor of Education, and the Doctor of Philosophy degrees. For information concerning degrees beyond the bachelor's degrees, please consult the **Graduate Bulletin.**

Students who have completed a college preparatory program in high school should begin their university mathematics program with Mathematics (MAT) 276 or 278. Students without this background should elect appropriate mathematics courses in consultation with their academic advisers. Mathematics majors should take MAT 341 and 326 concurrently with some of the calculus courses. Mathematics majors should **not** enroll in the courses MAT 099, 112, 120, 133, 210, 236, 237, 310, 312, or 314 which are designed to serve the special interests of students in other departments and colleges.

The curriculum of the Department of Mathematics is designed to meet the following objectives:

(1) prepare students for industrial or commercial employment,
(2) prepare students to teach secondary school mathematics,
(3) prepare students for graduate study in mathematics and related fields,
(4) provide supportive courses for other degree programs in the University.

Each student, in consultation with a faculty adviser, should elect the mathematics options that are compatible with his/her career objectives.

REQUIREMENTS FOR A MAJOR IN MATHEMATICS

FRESHMAN YEAR	SEM. HRS.
Elective	3
English 101, 102	6
Humanities and Fine Arts Core	6
Laboratory Science	8-10
Mathematics 278, 377 (or 276, 277)	6-9
Physical Education	2
	31-36

SOPHOMORE YEAR	SEM. HRS.
Electives	6
Mathematics 326, 341, 379 (or 326, 341, 378, 379)	9-12
Minor	6
Science (to complete a total of 14 hrs.)	4-6
Social Science Core	6
	31-36

JUNIOR YEAR	SEM. HRS.
Electives	12-18
Mathematics*	9
Minor	6
Social Science Core	3
	30-36

SENIOR YEAR	SEM. HRS.
Electives	15-21
English 333	3
Mathematics*	6
Minor	6
	30-36
TOTAL:	128

*To be selected from MAT courses numbered 320, 370, 385 or above 400, but not to include MAT 410. At least three of these courses must be numbered above 400.

REQUIREMENTS FOR A MAJOR IN MATHEMATICS WITH SECONDARY TEACHER CERTIFICATION

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
History 101, 102 or 140, 141	6
Mathematics 278, 377 (or 276, 277)	6-9
Physical Education	2
Physical Science**	6-10
	26-33

SOPHOMORE YEAR	SEM. HRS.
Biological Science**	6-8
Educational Psychology 110	3
Fine Arts	3
Mathematics 326, 341, 379, (or 326, 341, 378, 379)	9-12
Research and Foundations 400	3
Speech Communication 111	3
Social Science Core	3
	30-35

JUNIOR YEAR	SEM. HRS.
Curriculum and Instruction: CIS 310, 422	6
English 332, Literature	6
Educational Psychology 372, 374	6
Health and Safety Education 101	3
Mathematics***	9
Social Science Core	3
	33

SENIOR YEAR	SEM. HRS.
Curriculum and Instruction: CIS 313, 457, 487	15
Elective	3
Mathematics***	6
Research and Foundations 469	3
Special Education 400	3
	30
TOTAL:	128

**For the BS in the College of Science and Technology include fourteen hours of science, at least eight of which must be laboratory science.

***Must satisfy the mathematics major requirements * above, as well as the requirements for a Secondary Teacher's Certificate in Mathematics. Current secondary teacher certification requirements are available in the Mathematics Department Office, Southern Hall, Room 319.

MATHEMATICS AS A MINOR

The recommended mathematics minor consists of the following courses:

	Hours
MAT 276, 277, 378, 379 or MAT 278, 377, 379	12
MAT 326, 341	6
One or more MAT courses numbered 320, 370, 385 or above 400 other than MAT 410	3
	21

Although mathematics minor programs may vary from the above recommendations, those courses which do not count toward the mathematics major are specifically excluded from the mathematics minor. Students seeking a minor in mathematics are encouraged to consult a faculty adviser in the Department of Mathematics.

DEPARTMENT OF MEDICAL TECHNOLOGY

Shirley McManigal, Chairman
Hattiesburg, MS 39406-5134
(601) 266-4908

A student majoring in the Department of Medical Technology must complete courses outlined for the freshman, sophomore, and junior years. During the junior year, the student will apply to the department for admission into the senior year. The fourth year consists of two phases: Phase I, a six-month didactic session on the University of Southern Mississippi campus; and Phase II, a six-month clinical session at one of the affiliated hospitals. Affiliated hospitals are: Memorial Hospital, Gulfport; Forrest County General Hospital, Hattiesburg; Singing River Hospital, Pascagoula; Hinds General Hospital, Jackson; Gulf Coast Community Hospital, Biloxi; and Jones County Community Hospital, Laurel. Two senior classes are accepted each year, one in July and one in January.

The Department of Medical Technology is accredited by the Committee on Allied Health Education and Accreditation of the American Medical Association and the National Accrediting Agency for Clinical Laboratory Sciences. Upon successful completion of the program, students receive the Bachelor of Science degree in Medical Technology and become eligible to take national certifying examinations given by recognized certifying agencies. The following curriculum will satisfy requirements of the College of Science and Technology and of the Department of Medical Technology.

REQUIREMENTS FOR A MAJOR IN MEDICAL TECHNOLOGY

FRESHMAN YEAR	SEM. HRS.	SOPHOMORE YEAR	SEM. HRS.
Biology 220, 220L; 221, 221L	8	Chemistry 251, 251L; 311, 311L, 321, 321L	14
Chemistry 101, 101L 102, 102L	8	Elective	3
English 101, 102	6	Genetics 451	3
Mathematics 101, 103	6	History, philosophy, literature, religion, foreign language, or allied arts	6
Medical Technology 101	1	Microbiology 101, 101L	4
Physical Education	1	Physical Education	1
Social Science Core*	6	Social Science Core*	3
	36		34

*Total of nine hours from the following areas, with no more than three hours from any one area: anthropology, economics, geography, political science, psychology, or sociology.

JUNIOR YEAR	SEM. HRS.
Biology 424, 424L	4
English 333	3
Mathematics 314	3
Microbiology 411, 411L; 441, 441L	8
Medical Technology 302, 302L, 306, 306L; 309, 309L, 400	13
	31

SENIOR YEAR	SEM. HRS.
Phase I	
Medical Technology 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412	34
Phase II	
Medical Technology 450, 451, 452, 455, 456, 457, 458, 459	18
	52

For information on the Master of Science degree, please consult the **Graduate Bulletin.**

DEPARTMENT OF MICROBIOLOGY

Hattiesburg, MS 39406-5153
(601) 266-4717

The Department of Microbiology offers programs of study leading to the degrees of the Bachelor of Science, the Master of Science, the Doctor of Philosophy. For information on the master's and the Doctor of Philosophy programs, please consult the **Graduate Bulletin.**

The Department of Microbiology is designed to prepare students for careers in medical and industrial (applied) microbiology, food science technology*, and genetics. Current course offerings provide for an undergraduate major or minor in microbiology or a minor in genetics.

*Admission to the food science technology program has been temporarily suspended.

REQUIREMENTS FOR A MAJOR IN MICROBIOLOGY

FRESHMAN YEAR	SEM. HRS.
Chemistry 101, 101L, 102, 102L	8
English 101, 102	6
Humanities and Fine Arts Core	6
Mathematics 101, 103	6
Microbiology 101, 101L	4
Physical Education/ROTC	1
	31

SOPHOMORE YEAR	SEM. HRS.
English 333	3
Chemistry 351, 351L, 352, 352L	9
Mathematics 314*	3
Microbiology 301*, 301L*, 411, 411L	8
Physics 101, 101L, 102, 102L	8
Social Science Core	6
	37

JUNIOR YEAR	SEM. HRS.
Chemistry 421, 422	6
Computer Science 211, 212	6
Genetics 402*, 403**, 404*	8
Microbiology 421**, 421L**, 441, 441L, 455**, 455L**	12
Physical Education/ROTC	1
Social Science Core	3
	36

SENIOR YEAR	SEM. HRS.
Biology 448*, 448L*, 449L*, 449*	6
Chemistry 451*, 451L*	4
Electives	3
Genetics 461**, 461L**	4
Microbiology 422**, 422L**, 461**, 461L**, 471**,471L**	12
	29
TOTAL:	133

*Alternate courses may be substituted at the discretion of the adviser.
**Courses taught in alternate years or as needed by the department to fulfill student demand.

INSTITUTE OF GENETICS

Karen M. Yarbrough, Director
Hattiesburg, MS 39406-5153
(601) 266-4717

The Institute of Genetics participates in programs leading to the Master of Science and the Doctor of Philosophy degrees through the Department of Microbiology. Information on these programs may be obtained from the **Graduate Bulletin.** The Institute of Genetics also offers a minor in genetics at the bachelor's level.

A minimum of eighteen (18) semester hours is required which should include GEN 402, 403, and 451. The remainder of the program is to be selected with the approval of the Director of the Institute of Genetics.

DEPARTMENT OF PHYSICS AND ASTRONOMY

William E. Hughes, Chairman
Hattiesburg, MS 39406-5046
(601) 266-4934

The primary objectives of the Department of Physics are to provide students with sufficient basic information and technical skills in the various areas of physics so that they may be qualified to serve as teachers in secondary school, serve as physicists in government or industry, or pursue professional work and graduate study in physics.

The department offers programs of study leading to the Bachelor of Science degree in Physics and the Master of Science degree in Physics. Information relating to the MS degree may be found in the **Graduate Bulletin.**

Leaflets giving outlines of undergraduate programs that will meet all departmental and University requirements are available from the Physics Department Office. Students planning to major or minor in physics should obtain these leaflets as soon as possible.

It is assumed that the high school mathematical preparation of entering freshman physics students includes algebra, geometry, and trigonometry.

REQUIREMENTS FOR A MAJOR IN PHYSICS

SCHEDULE I

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
Mathematics 276, 277 or 278, 377	6-9
Physical Education or ROTC/AFROTC	2-3
Physics 101, 101L, 102, 102L, or	8-10
Physics 201, 201L, 202, 202L	
Social Studies Core	6
	28-34

SOPHOMORE YEAR	SEM. HRS.
Chemistry 101, 101L, 102, 102L	8
Computer Science 240	3
English 333	3
Humanities Core	3
Mathematics 378, 379	6
Physics 341, 341L, 361, 361L	8
Social Studies Core	3
	34

JUNIOR YEAR	SEM. HRS.
Computer Science 340	3
Mathematics 385, 415	6
Physics 327, 327L, 328, 328L, 331, 331L, 332, 350, 351	21
	30

SENIOR YEAR	SEM. HRS.
Humanities Core	3
Mathematics Electives	6
Physics 421, 422, 461, 462	12
Science Electives	9
	30
TOTAL:	128

REQUIREMENTS FOR A MAJOR IN PHYSICS

SCHEDULE II

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
Mathematics 276, 277 or 278, 377	6-9
Physical Education or ROTC/AFROTC	2-3
Physics 101, 101L, 102, 102L, or	8-10
Physics 201, 201L, 202, 202L	
Social Studies Core	6
	28-34

SOPHOMORE YEAR	SEM. HRS.
Computer Science 240	3
English 333	3
Humanities Core	3
Mathematics 378, 379	6
Physics 327, 327L, 328, 328L	19
Physics 331, 331L, 332, 361, 361L	
	34

JUNIOR YEAR	SEM. HRS.
Computer Science 340	3
Humanities Core	3
Mathematics 385, 415	6
Physics 341, 341L, 421, 422,	16
Physics 461, 462	
Social Studies Core	3
	31

SENIOR YEAR	SEM. HRS.
Chemistry 101, 101L, 102, 102L	8
Mathematics Electives	9
Physics 350, 351	6
Physics Elective	3
Science Electives	9
	35
TOTAL:	128-134

PHYSICS REQUIREMENTS FOR SECONDARY EDUCATION TEACHERS

(Secondary Education Degree)

Students majoring in Secondary Education seeking certification in Physics must complete a program which includes no less than thirty-two (32) hours of science of which sixteen (16) hours must consist of:

Physics 101, 101L, 102, 102L, 361, 361L, and

Physics electives four (4) hours.

The curriculum in the Physics Department is NCATE certified for those electing a major in Secondary Education.

DEPARTMENT OF POLYMER SCIENCE

Robert E. Burks, Acting Chairman

Hattiesburg, MS 39406-10076

(601) 266-4869

The Department of Polymer Science offers programs of study leading to the degrees of the Bachelor of Science in Polymer Science, the Master of Science in Polymer Science, and the Doctor of Philosophy in Polymer Science. For information concerning the master's and Doctor of Philosophy degrees, see the **Graduate Bulletin.**

BACHELOR OF SCIENCE IN POLYMER SCIENCE

The objective of this curriculum is to prepare the graduate to enter the industrial community or to continue his studies at the graduate level. The Bachelor of Science in Polymer Science constitutes an interdisciplinary program of study and, therefore, no minor is required.

REQUIREMENTS FOR A MAJOR IN POLYMER SCIENCE

FRESHMAN YEAR	SEM. HRS.
Chemistry 101, 101L 102, 102L	8
English 101, 102	6
Humanities And Fine Arts Core	6
Mathematics 103, 278	8
Physical Education/ROTC	2
Polymer Science 191	2
Social Science Core	3
	35

SOPHOMORE YEAR	SEM. HRS.
Chemistry 351, 351L, 352, 352L	9
Mathematics 377	4
Physics 201, 201L, 202, 202L	10
Polymer Science 291	2
Social Science Core	6
	31

JUNIOR YEAR	SEM. HRS.
Chemistry 311, 311L	5
Computer Science 240	3
Elective	3
Mathematics 385	3
Polymer Science 301, 301L, 302, 302L	8
Polymer Science 360, 361, 361L	8
	30

SENIOR YEAR	SEM. HRS.
Electives	7
English 333	3
Polymer Science 401, 401L, 402, 402L	8
Polymer Science 470, 470L	5
Polymer Science 480	3
Polymer Science 490, 490L, 491, 491L	8
	34
TOTAL:	130

DEPARTMENT OF SCIENCE EDUCATION

Including Fundamentals of Science

Bobby N. Irby, Chairman
Hattiesburg, MS 39406-5087
(601) 266-4739

The Department of Science Education is operated jointly by the College of Science and Technology and the College of Education and Psychology. The facilities are in the College of Science and Technology. Programs in teacher-education are in the College of Education and Psychology. Responsibility for the curriculum is shared jointly. Graduate programs are described in the **Graduate Bulletin.**

Objectives

The objectives of the Department of Science Education are: (1) to provide those courses in both the physical and biological sciences which would give a minimum degree of scientific literacy to all students; (2) to provide, in cooperation with the Department of Curriculum and Instruction, a curriculum in the sciences and science methods for elementary school teachers; (3) to provide programs for those students planning to teach the sciences at the secondary school level; (4) to provide programs leading to advanced degrees in science education; and, (5) to work with public schools in the development of curricula, workshops, science fairs, and other activities designed to improve science instruction at all public school levels.

Curriculum and Programs

The Department of Science Education is primarily concerned with teachers and prospective teachers of science. Although some students will be planning to teach a specific science discipline, current public school organization encourages diversification of training

in the sciences for prospective science teachers. Therefore, familiarity with principles and concepts common to all the scientific disciplines should be a prerequisite for teacher training programs in science education. Hence, programs in science education are so organized as to give teachers and prospective teachers a broad understanding of several sciences, with the opportunity for enough specialization in one area to pursue advanced study.

All prospective science teachers at the junior and senior high school levels are expected to complete introductory courses in the four basic science areas—biology, chemistry, geology, and physics. One year of college mathematics is also required. With few exceptions, the first mathematics course would deal with analytical geometry.

Specialization in a particular science, depending upon the area, requires from twenty-three (23) to twenty-nine (29) semester hours credit in that area. Upon completion of the undergraduate program, the student would be certified to teach one or more specific sciences and general science. A general outline of the program is given below:

REQUIREMENTS FOR A MAJOR IN SCIENCE EDUCATION

Biology Specialty

FRESHMAN YEAR	SEM. HRS.
Allied Arts 100	3
Biology 101, 102	8
English 101, 102	6
History 101, 102, or 140, 141	6
Mathematics 101, 103	6
Political Science 101	3
Curriculum and Instruction: CIS 310	3
	35

SOPHOMORE YEAR	SEM. HRS.
Biology 202	4
Chemistry 101, 102	8
Fundamentals of Science 104	3
Mathematics 314	3
Microbiology 101	4
Physical Education	2
Psychology 110	3
Research and Foundations 400, 469	6
	33

JUNIOR YEAR	SEM. HRS.
Biology Electives (above 300)	9
Chemistry 251	4
Educational Psychology 372, 374	6
English 332	3
Genetics 402	3
Health Safety Education 101	3
Science Education 454	3
Special Education 400	3
	34

SENIOR YEAR	SEM. HRS.
Curriculum & Instruction 456, 313, 486	15
English 200, 201, 202, or 404	3
Geology 101	4
Speech Communication 111	3
Science Education 470	3
Sociology 101	3
Curriculum and Instruction: CIS 422	3
	34
TOTAL:	136

Chemistry Specialty

FRESHMAN YEAR	SEM. HRS.
Allied Arts 100	3
Chemistry 101, 102	8
English 101, 102	6
History 101, 102, or 140, 141	6
Mathematics 101, 103	6
Political Science 101	3
	32

SOPHOMORE YEAR	SEM. HRS.
Chemistry 351, 352	9
Fundamentals of Science 104, 106, 107	9
Geology 101	4
Physical Education	2
Psychology 101	3
Research Foundations 400	3
Sociology 101	3
	33

JUNIOR YEAR	SEM. HRS.
Chemistry 311, 321	9
Educational Psychology 372, 374	6
English 200, 201, 202, or 404	3
Health Safety Education 101	3
Mathematics 314	3
Curriculum and Instruction: CIS 310	3
Speech Communications 111	3
Science Education 455	3
	33

SENIOR YEAR	SEM. HRS.
Chemistry Elective (300, 400)	4
Curriculum & Instruction 456, 313, 486	15
English 332	3
Curriculum and Instruction: CIS 422	3
Research and Foundations 469	3
Science Education 471	3
Special Education 400	3
	34
TOTAL:	132

Earth Science Specialty

FRESHMAN YEAR	SEM. HRS.
English 101, 102	6
Fundamentals of Science 104	3
Geology 101	4
Health and Safety Education 101	3
History 101, 102, or 140, 141	6
Mathematics 101, 103	6
Physical Education	2
Political Science 101	3
	33

SOPHOMORE YEAR	SEM. HRS.
Allied Arts 100	3
Curriculum and Instruction: CIS 310	3
Fundamentals of Science 105, 106, 107	9
Geography 323	3
Geology 103	4
Mathematics 314	3
Psychology 110	3
Research Foundations 400	3
Sociology 101	3
	34

JUNIOR YEAR	SEM. HRS.
Astronomy 311, 312	8
Curriculum and Instruction: CIS 422	3
Educational Psychology 372	3
English 200, 201, 202, or 404	3
English 332	3
Geography 324, 325	6
One Geography Elective	3
Research & Foundations 469	3
Science Education 453	3
	35

SENIOR YEAR	SEM. HRS.
Curriculum & Instruction 456, 313, 486	15
Educational Psychology 374	3
Geology 341	4
Speech Communication 111	3
Science Education Elective	3
Special Education 400	3
	31
TOTAL:	133

Physics Specialty

FRESHMAN YEAR	SEM. HRS.
Allied Arts 100	3
English 101, 102	6
Fundamentals of Science 105, 106	6
History 101, 102, or 140, 141	6
Mathematics 101, 103	6
Physical Education	2
Political Science 101	3
	32

SOPHOMORE YEAR	SEM. HRS.
English 200, 201, 202, or 404	3
Fundamentals of Science 107	3
Mathematics 314, 276	6
Physics 101, 102	8
Psychology 110	3
Speech Communication 111	3
Research & Foundations 400	3
Sociology 101	3
	32

JUNIOR YEAR	SEM. HRS.
Curriculum and Instruction: CIS 310	3
Educational Psychology 372, 374	6
Geology 101	4
Health Safety Education 101	3
Physics Electives (300,400)	4
Physics 361, 292, or 106	8
Research & Foundations 469	3
	34

SENIOR YEAR	SEM. HRS.
Curriculum and Instruction: 422, 456, 313, 486	18
English 332	3
Physics Elective (300,400)	4
Science Education 472	3
Special Education 400	3
Science Education 455	3
	31
TOTAL:	129

The scope of the science education program and the fact that many courses run in sequence and are offered at particular times of the year necessitate careful and frequent advisement of students. It cannot be over-emphasized that students should consult with their assigned adviser each semester. Failure to do so will most often result in unnecessary delays and hardships in completing the program.

The above program provides a broad background and some depth in all science areas, gives the prospective teacher an opportunity for considerable depth and specialization in one science area, and requires the necessary background courses in professional education for effective teaching.

Students in the College of Science and Technology and in the College of Education and Psychology can major in science education and minor in secondary education. The program as outlined above for science teachers meets the certification requirements in all states in the areas of biology, chemistry, physics, earth science, general science, and physical science.

FUNDAMENTALS OF SCIENCE

Fundamentals of Science: Two courses in general physical science and two courses in general biological science of three semester hours credit for each. These courses are designed to give the non-science major an acquaintance and understanding of certain fundamental principles of the major science disciplines.

Inasmuch as there is overlapping and duplication in these courses and those offered by various other science departments, the student should read carefully the limitations for each of the Fundaments of Science courses. Any questions should be answered by the student's adviser and/or the Department of Science Education prior to enrolling in these courses since they may be taken in any sequence the student chooses.

The FS 130 series is designed for elementary education and special education majors. These courses are sequential and they should be taken in numerical order.

UNIVERSITY OF SOUTHERN MISSISSIPPI GULF COAST

Joe E. Holloway, Dean
USM East Beach Boulevard
Long Beach, MS 39560
(601) 864-6533

The University of Southern Mississippi Gulf Coast serves students at four locations: the Gulf Park Campus in Long Beach, the Keesler Center on Keesler Air Force Base, USM Jackson County Center located on the Jackson County Campus of the Mississippi Gulf Coast Junior College in Gautier, and the National Space Technological Laboratories near Picayune, Mississippi. USM Gulf Coast is part of a cooperative plan to provide comprehensive higher education on the Mississippi Gulf Coast.

The Two-Plus-Two articulation agreement with the Mississippi Gulf Coast Junior College District and Pearl River Junior College assures a smooth transition for students who transfer from the junior colleges' freshman-sophomore programs to the upper level degree programs at USM Gulf Coast. In order to take full advantage of the articulation and other benefits of the Two-Plus-Two agreement, the junior college student should initiate a Two-Plus-Two Pre-Admission Application (available from USM Gulf Coast or one of the campuses of the junior colleges) as soon as the student has decided upon a major area of study.

USM Gulf Coast enables the University of Southern Mississippi to bring its courses and programs to residents of the Mississippi Gulf Coast. All USM Gulf Coast courses and programs are offered through the appropriate departments and colleges on the Hattiesburg Campus. Accordingly, most of the policies governing USM Gulf Coast undergraduate programs are identical with those stated elsewhere in this **Bulletin.** Information unique to the Regional Campus undergraduate programs is outlined below.

SCOPE

USM Gulf Coast provides a flexible delivery system designed to meet the educational needs of Coast citizens. Consequently, new courses and programs are added as student demand warrants and resources permit. A sufficient number of courses are now available so that USM Gulf Coast students may earn their entire baccalaureate degree(s) with majors in the following areas: American Studies, Business Administration, Business Administration with Marketing, Management, and Real Estate options, Computer Science, Computer Science-Data Processing, Computer Technology, Criminal Justice, Elementary Education, English, History, Industrial Technology with Electronics options, Industrial Technology with Manufacturing option, Industrial and Vocational Education with Post-Secondary emphasis, Industrial and Vocational Education with Secondary Certification emphasis, Mathematics, Nursing, Psychology, Paralegal Studies, Political Science, Secondary Education, Social Studies, Sociology with Social Work emphasis and Special Education. As the scope of the USM Gulf Coast program broadens in response to student demand, majors in other areas will become available. In addition to these degree completion programs, students may obtain a substantial amount of their baccalaureate degree requirement in other majors offered by the University of Southern Mississippi at the Hattiesburg Campus. Prospective students are invited to contact a USM Gulf Coast adviser in order to discuss course availability in their area of special interest.

Accreditation

As an integral division of the University of Southern Mississippi, USM Gulf Coast is accredited by the Southern Association of Colleges and Schools Commission on Colleges and by the National Council for the Accreditation of Teacher Education.

Admission

In keeping with the status of USM Gulf Coast as an upper-level institution, regular admission is open to students who have attained junior standing (54 semester hours). The USM Gulf Coast Dean can authorize special exceptions to this rule for persons who need a limited number of courses for specialized professional and/or cultural development. In other respects, admission requirements are identical with those outlined elsewhere in this **Bulletin.** In order to facilitate proper advisement and predetermination of admission status, students should furnish transcripts and complete applications for admission at least twenty days prior to registration. Students who are unable to meet this deadline may be provisionally admitted at registration. Transcripts of provisional students must be received by the middle of the term in which they register. The University is in no way committed to continue enrollment, refund fees or tuition payments, grant grades, or otherwise award any credit if all of the required admission forms are not received on time or if the provisional student is found to be ineligible for admission. Transcripts and the complete applications should be sent to the Director of Student Services, USM Gulf Coast, Long Beach, MS 39560.

Course Load

Students are permitted to carry a total of nine (9) semester hours per term through USM Gulf Coast. Students twenty-five years old and over may take more than nine semester hours, subject to approval of their advisers. Credit workshops taken on the Regional Campus will be counted as part of the course load.

Honors

Special policies have been formulated in order to accord official recognition to students who achieve outstanding academic records. **Dean's List:** Students will be placed on the quarterly USM Gulf Coast Dean's List if they attain a quality point ratio of 3.25 or above on an academic load of not less than six (6) semester hours. **Degrees with Honors:** USM Gulf Coast students with exceptional academic records may be awarded a degree with honors or with highest honors. The residence requirement for such degrees is not less than five (5) terms with a load of not less than six (6) semester hours of credit each term and totaling not less than fifty-four (54) semester hours of credit with the University of Southern Mississippi. A degree with honors will be granted to a student who maintains a quality-point average of 3.5 or more. A degree with highest honors will be granted to a student who maintains a quality-point average of 3.8 or more.

Fees

Undergraduate $38.00 per semester hour
Graduate $45.00 per semester hour

Students who enroll concurrently at USM Hattiesburg and USM Gulf Coast must pay separate fees for the USM Gulf Coast courses.

CALENDAR

USM Gulf Coast offers four terms per year. Holidays follow the same schedule as the Hattiesburg Campus Calendar found elsewhere in this **Bulletin.**

TERM	REGISTRATION
Fall 1983-1984	August 24, 1983, Gulf Park August 25, 1983 Keesler and Jackson County
Winter 1983-1984	November 9, 1983, Gulf Park November 10, 1983, Keesler and Jackson County
Spring 1983-1984	February 22, 1984, Gulf Park February 23, 1984, Keesler and Jackson County
Summer 1983-1984	May 30, 1984, Keesler and Jackson County May 31, 1984 Keesler and Jackson County

SPECIAL DEGREE PROGRAM

The Bachelor of Science degree with a major in Business Administration is awarded through the University of Southern Mississippi, Gulf Coast. In addition to the General Business Administration option listed below, more specialized options are available in the areas of Management, Marketing, and Real Estate. For additional information on these options, refer to the USM Gulf Coast Regional Campus **Bulletin.**

Basic Curriculum Outside Business Administration

The business administration graduate, though career oriented, must work and live in a changing society which will continually offer him personal and business challenges. Business and industry leaders must have a background which makes them cognizant of the past, articulate in many subjects, and adaptable to change. Therefore, the following courses from the arts and sciences have been selected for the purpose of providing the business administration student with a broad perspective and foundation upon which one can build one's knowledge of basic business tools and specialized subjects.

It may be observed that the courses below include primarily those at the freshman/sophomore level. Unless advised to the contrary, the student may choose to substitute certain junior and senior level courses offered on the Gulf Coast if they are of particular interest.

	Hours
English 101, 102—Freshman English	6
Social Science—Geography or political science	3
History—HIS 101, 102; 140, 141 (or advanced courses)	6
Mathematics 101, 112 (College algebra and applied algebra)	6
Speech Communication 111 (or advanced course)	3
Science (Biology, chemistry, fundamentals, geology, physics)	6
Humanities (Literature, allied arts, philosophy, foreign language, religion)	9
Behavioral Science (Anthropology, psychology, sociology)	6
Mathematics 312	3
Elective (Behavioral science, computer science, social science or math)	3
Physical Education, ROTC/AFROTC, or approved substitute	2 or 3
	53 or 54

Basic Business Core Curriculum for Business Administration Majors

The business courses listed below are required of all students majoring in Business Administration. These courses should provide the student with the basic tools which are needed for advanced courses as well as a broad understanding of the entire area of business and of the economy in which business and industry operate. Only those courses numbered 300 and above are offered on the Gulf Coast.

	Hours
ACC 201, 202Principles of Accounting I and II	6
ECO 225, 256—Principles of Economics I and II	6
GBA 290—Fundamentals of FORTRAN (or approved substitute: CSS 240, 342)	3
GBA 295—Legal Environment of Business	3
ACC 300—Administrative Accounting	3
MKT 300—Principles of Marketing	3
ECO 301, 302—Elementary Statistics I and II	6
ECO 330—Money and Public Policy	3
MGT 360—Fundamentals of Management	3
FIN 389—Business Finance	3
MGT 485—Administrative Policy	3
	42

Major Requirements (General Business Administration Option)

In the major field, the student must choose courses from several areas of business administration. These may be chosen from the variety of courses listed below. This list will serve as a guide in selecting those subjects which are of interest and which best suit one's purpose.

	Hours
Major Requirements as listed below	27
Economics and General Business Administration	6
*ECO 335—Economics of the Firm	
ECO 401—Public Finance	
GBA 311—Advanced Business Law	
*GBA 375—Managerial Communications	
GBA 415—Government and Business	
Finance, Real Estate, and Insurance	6
FIN 320—Personal Finance	
FIN 350—Bank Administration	
FIN 355—Problems in Bank Administration	
FIN 352—Principles of Investment	
*FIN 480—Financial Management	
REI 325—General Insurance	
REI 330—Real Estate Principles	
REI 334—Residential Valuation	
REI 340—Real Estate Law	
REI 345—Property Management	
REI 432—Real Estate Finance	
Management and Marketing	9
*MGT 364—Personnel Management	
MGT 386—Safety Management	
MGT 454—Human Relations	
MGT 455—Behavioral Issues in Organizations	
MGT 464—Work Methods Performance Standards	
MGT 465—Production Operations Management	
MGT 472—Labor Relations	
MGT 484—Problems in Personnel Administration	
MKT 330—Salesmanship	
MKT 342—Principles of Retailing	
MKT 365—Consumer Behavior	
*MKT 428—Marketing Management	
Business electives from any area above	6
*Required Courses	
Free Electives	0-6
Total hours required for graduation	128 or 129

NOTE: The student may select, as elective credit, one or more upper level accounting courses.

**ACC 301—Intermediate Accounting I
ACC 302—Intermediate Accounting II
ACC 320—Cost Accounting
ACC 330—Federal Income Tax Accounting I

**Students electing to take ACC 301 may not take ACC 300 in the Business Administration core for credit.

UNIVERSITY OF SOUTHERN MISSISSIPPI NATCHEZ

Billy W. Gore, Dean
Duncan Park, Nathchez, MS 39120
(601) 442-7326

DEGREE PROGRAMS

The University of Southern Mississippi offers at its Natchez Campus the Bachelor of Science degree with a major in Elementary Education; the Bachelor of Science or a Bachelor of Arts with majors in English, History, Mathematics, Criminal Justice, or Political Science; the Bachelor of Science degree in Secondary Education with majors in Social Studies, History, Political Science, English, Mathematics, Business Education, Library Science, or Psychology. Additionally, master's degrees are offered in Elementary Education, Reading, Secondary Education, Special Education, and Educational Administration. All of the above degree programs are offered through the respective departments at USM-Hattiesburg with coordinators, advisers, professional staff, and classes available on a continuing basis at the USM, Natchez Campus.

With the exception of the residence hour requirements, degree programs at USM-Natchez follow regulations and curricular outlines found in the appropriate sections of the **Bulletin.**

In addition to the degree programs above, the University of Southern Mississippi Natchez offers the Master of Business Administration. A description of the Bachelor of Science in Business Administration degree will follow later in this **Bulletin.** A description of the Master of Business Administration may be found in the USM, Natchez Section of the **Graduate Bulletin.**

Admission

Since the University of Southern Mississippi, Natchez is an upper level and graduate institution, admission to degree programs is open to students who have attained junior standing. However, students who have not attained junior standing and meet other requirements for admission to the University may be admitted on a per course basis as special students. In other respects, admission requirements are identical with those outlined earlier in this **Bulletin.** Transcripts and completed applications should be sent to the Director of Admissions and Records, USM, Natchez, Natchez, MS 39120.

Course Load

Undergraduate students under 25 years of age may enroll at USM, Natchez for a maximum of nine (9) semester hours per quarter.

Residence Requirements

The following regulations are residence requirements for USM, Natchez;

1. At least thirty-two (32) semester hours of credit must be earned at one, or a combination of, the University's three degree-granting campuses;
2. At least nine (9) of these thirty-two hours must be earned in the student's major field;
3. At least sixteen (16) of these thirty-two hours (exclusive of student teaching) must be taken at the USM, Natchez Campus.

Honors

Dean's List: Students will be placed on the quarterly USM, Natchez Dean's List if they attain a quality point ratio of 3.25 or above on an academic load of not less than six (6) semester hours.

Degrees with Honors: Students with exceptional academic records may be awarded degrees with honors or with highest honors. The residence requirements for such degrees is not less than five (5) quarters with a load of not less than six (6) semester hours of credit each quarter and totaling not less than fifty-four (54) semester hours of credit with the University of Southern Mississippi. A degree with honors will be granted to a student who maintains a quality-point average of 3.5 or more. A degree with highest honors will be granted to a student who maintains a quality-point average of 3.8 or more.

Supporting Programs

In addition to offering degree programs in the areas mentioned above USM, Natchez regularly schedules courses in support of many degrees offered only through the Hattiesburg campus, thereby enabling a student to earn a portion of his degree requirements locally.

Advisement

For the student's own protection, it is imperative that all program planning be accomplished in consultation with official advisers. A student pursuing a degree at USM, Natchez should consult with the departmental coordinator who is in charge of that degree program. Students pursuing degrees at the USM Hattiesburg campus should consult with a professional adviser in their respective degree areas on that campus.

BACHELOR OF SCIENCE

(with the major in Business Administration)

The degree of Bachelor of Science with the major in Business Administration is awarded by the University of Southern Mississippi, Natchez. Students are prepared to perform proficiently in beginning level managerial jobs, to think critically through problems that the beginning business manager will confront, and to contribute to society as productive, informed citizens.

Purposes

American society is increasingly aware of the growing need for managerial skills. The Bachelor of Science with the major in Business Administration is designed to prepare competent managers for business, government, and other non-profit organizations. To adapt himself to the technological and organizational changes which he will inevitably confront as a manager, the student is taught to think critically and analytically. He is prepared not only for proficiency as a beginning manager, but for professional growth and increasing competence throughout his career. Courses taken in liberal arts and scientific disciplines further prepare the student for his role as productive citizen by creating an appreciation for the enriching, cultural aspects of daily living.

Accreditation

The Bachelor of Science with the major in Business Administration is, as are all other programs of the University of Southern Mississippi, Natchez, operated under the auspices of the Southern Association of Colleges and Secondary Schools.

Student Advisement

The Departmental Coordinators in Business Administration are responsible for the academic advisement of students.

Expenses

Tuition is the same for Business Administration students as for all other students at USM, Natchez.

Business Administration courses at the University of Southern Mississippi, Natchez are limited to upper division and graduate courses. These are offered to commuting students of the Natchez region. Because of this limitation, the freshman and sophomore years' work must be completed elsewhere. (Offerings of the Copiah-Lincoln Junior College's Natchez campus will fill this need.) The required freshman and sophomore level courses, which must be completed elsewhere, are as follows:

REQUIREMENTS FOR A MAJOR IN BUSINESS ADMINISTRATION

ENG 101, 102; ENG 351***or History Elective; ENG 370*** or History Elective; ENG 371 or History Elective
MAT 101, 112; MAT, BIO, CHE, or FS Elective
BIO 110, 111 or FS 104, FS 105
GBA 290 or CSS 240, GBA 295, 375
PSY 110; SOC 101
HSE 101; SCM 111
ACC 201, 202, 300
ECO 255, 256, 301, 302, 330
MGT 360; MGT 454 or GHY or PS Elective; MGT 364* or GHY or PS Elective; 485
MKT 300, 428; FIN 389, 480
ART 332, 337, 334, or ENG
***PED/ROTC/AFROTC (2 hours)
ACC, ECO, FIN, GBA, REI, MGT or MKT electives to a total of 21 hours.***

*Students should take either MGT 364 or MGT 454
**Students should take either ENG 370 and 371 or ENG 350 and 351.
***Students should select one ECO elective; one FIN, GBA, or REI elective; one MKT elective; one MGT elective; a field emphasis of two courses from any of these fields or from ACC; and, one additional course from any of these fields.

REQUIREMENTS FOR A MINOR IN COMPUTER SCIENCE

Students working toward a degree in Business Administration at USM, Natchez may also complete a minor in Computer Science. Courses which are offered at USM, Natchez and which will meet this requirement are as follows:

	Hours
CSS 340—Advanced FORTRAN	3
CSS 341—Digital Computer Programming	3
CSS 342—Introduction to COBOL	3
CSS 370—Hardware Systems I	3
CSS 441—Programming Languages	5
CSS 442—Business Computer Systems	3
CSS 492—BASIC Workshop	3
CSS 493—RPG	3
	26

The Computer Science minor requires a minimum of 18 semester hours from the courses listed above.

DIVISION OF CONTINUING EDUCATION AND PUBLIC SERVICE

Joseph E. Tinnon, Dean
Billy R. Folkes, Assistant Dean
Hattiesburg, MS 39046-5055
(601) 266-4186

The Division of Continuing Education and Public Service enables the University to extend its resources of knowledge, skills, and artistry to all who seek to profit from them. This is accomplished through the operation of the Departments of Business and Industrial Programs, Independent Study, Conferences and Workshops, Community Services, and Women's Programming, Professional Development, and USM Jackson. In addition, courses are scheduled throughout the state which are designed to provide for the needs of individual populations.

DEPARTMENT OF INDEPENDENT STUDY

William A. Lewis, Director
Hattiesburg, MS 39406-5056
(601) 266-4210

The Department of Independent Study offers over one hundred courses which may be taken for University credit. These courses count for regular credit in the University and for approved credit on State Certificates for Teaching. As many as thirty-three (33) semester hours (no more than nine (9) in any one academic area) of the total 128 hour baccalaureate degree requirements may be earned in independent study courses, subject to the provisions outlined in detail in the Department of Independent Study 1982-1983 **Bulletin.**

Independent study courses are particularly suited to the needs of the student who wishes to move at his own rate, and for the student who is unable to attend a university. These courses allow the student to earn credit through the advantages of home study.

A complete high school curriculum is available through independent study, and courses are acceptable as entrance credits by the University. A High School Independent Study Catalog is available on request.

The Counselor in the Department of Independent Study serves as the Statewide coordinator for The Great Decisions Program, sponsored nationally by the Foreign Policy Association. Great Decisions is an annual program of discussion among citizens meeting informally to discuss key foreign policy topics of critical importance to the United States.

DEPARTMENT OF CONFERENCES AND WORKSHOPS

William A. Bufkin, Director, Hattiesburg
Hattiesburg, MS 39406-5056
(601) 266-4189
Henry J. D'Aquilla, Director, Gulf Park
USM Long Beach, MS 39560
(601) 864-6533
Mary Jane O'Beirne, Coordinator, Natchez
USM Natchez, MS 39120
(601) 442-7326

The Department of Conferences and Workshops has the responsibility of coordinating the administrative and logistical details for all credit and non-credit conferences, institutes, workshops, clinics, camps, and special training program activities, sponsored by the University. This department stands ready at all times to assist University departments, and educational, professional business, and industrial groups in setting up conferences, institutes, workshops, or special training programs.

Either academic credit or continuing eduction unit (c.e.u.) credit may be awarded for conference, institute, or workshop attendance, provided the activity is offered through an existing course number or is given prior approval by the appropriate University Council. The number of contact hours necessary for a three-semester-hour credit activity is equivalent to the number of contact hours necessary for satisfactory completion of a regular on-campus course. Activities awarding graduate credit are required to conform to special credit policies established by the Graduate Council.

Conveniently located and comfortable building facilities are available on or near the three University campuses and near the Universities' Center in Jackson for groups of any size. Meals and housing in air-conditioned facilities, all at nominal rates, are also available to individuals participating in both credit and non-credit programs at Hattiesburg, Gulf Park and Natchez campuses. Additional conveniences include the location of motels, restaurants, shopping centers and recreational facilities within walking distance.

DEPARTMENT OF COMMUNITY SERVICES, TRAVEL, AND WOMEN'S PROGRAMMING

Rebecca J. Causey, Director
Hattiesburg, MS 39406-5056
(601) 266-4201

The Department of Community Services is set up to aid individuals, both university and non-university, in tapping the resources of the University in noncredit programs. Noncredit special interest classes are organized on the University's campuses. The department also assists groups and organizations who request the use of University facilities for meetings or other special non-credit activities.

Another service being offered is the Listener's License program, whereby individuals may audit University courses on a non-credit basis without actively participating in the class and without being required to complete class requirements.

Recently added to the departments offering is Women's Programming. These programs are designed to meet the varied needs of today's woman.

The department coordinates foreign and domestic travel programs which may be for credit or non-credit. All credit courses and programs are approved by the respective academic department chairman prior to the start of the activity.

DEPARTMENT OF PROFESSIONAL DEVELOPMENT

William A. Lewis, Director
Hattiesburg, MS 39406-5056
(601) 266-4206

The Department of Professional Development is charged with the responsibility of organizing and administering all regular courses taught off-campus in locations other than degree granting centers of Gulf Park and Natchez. Such courses fall into four categories:(1) courses that comprise in-service training programs for various school systems: (2) refresher courses for various professional groups; and business areas; (3) special service programs; (4) CDA training for Head Start Agencies. The purpose of Professional Development is to offer additional educational opportunities to those individuals who have a desire to pursue particular studies apart from or beyond degree sequences and to those individuals with professional skills that require updating and upgrading.

All credit courses and programs are approved by the respective academic department chairman prior to the start of the activity.

Persons seeking a master's or specialist's degree in selected areas from the College of Education and Psychology may take advantage of a special degree program whereby five courses or 15 semester hours may be taken at off-campus locations and five courses taken on a University of Southern Mississippi campus.

DEPARTMENT OF BUSINESS AND INDUSTRIAL PROGRAMS

William A. Bufkin, Director
Hattiesburg, MS 39406-5056
(601) 266-4183

The Department of Business and Industrial Programs was established as a result of increased requests from business and industry for training and other types of educational programs. This department serves as a catalyst between business and industrial leaders and the University faculty and staff in developing programs for business and industry. The department has expanded its program areas to include training and educational programs for employees of local, state, and federal levels of government and the USM-Downtown Hattiesburg Center.

The department's programs can encompass such areas as public management, secretarial science, computer science, public safety, emergency management, economic development, supervisory management, record keeping, public relations, and urban and regional planning. Programs can be tailor-made for a specific business, industry, or government department and can be developed on a local, state, or regional level.

Once the area of educational need has been determined, the department will facilitate program development by working with appropriate University departments. All financial and logistical details related to the activity are coordinated by the Department of Business and Industrial Programs.

Non-credit, Continuing Education Unit (C.E.U.) credit, and academic credit activities are available through the Department of Business and Industrial Programs. Proper University channels and policies are followed when offering academic and Continuing Education Unit (C.E.U.) credit.

UNIVERSITY OF SOUTHERN MISSISSIPPI-JACKSON

Cynthia Reed, Coordinator

The University offers courses at the Universities' Center in Jackson as part of a cooperative program with other state universities. For information about offerings write:

USM-Jackson
The Universities' Center
1855 Eastover Drive
Jackson, MS 39211
(601) 982-6210

or

Division of Continuing Education
and Public Service
Southern Station, Box 5055
Hattiesburg, MS 39406-5055
(601) 266-4186

COURSE DESCRIPTIONS

INDEX OF ABBREVIATIONS FOR FIELDS OF INSTRUCTION

AA	Allied Arts
AAC	Athletic Administration and Coaching
ACC	Accounting
ACT	Architectural Technology
ADE	Adult Education
AMS	American Studies
ANT	Anthropology
AOS	Aerospace Studies
APM	Applied Music
ARE	Art Education
ART	Art
AST	Astronomy
BCT	Building Construction Technology
BED	Business Education
BIO	Biology
CD	Child Development
CED	Cooperative Education
CHE	Chemistry
CI	Curriculum and Instruction: CIE Elementary CIS Secondary
CJ	Criminal Justice
CLT	Comparative Literature
COM	Communication
CPY	Counseling Psychology
CSS	Computer Science and Statistics
CT	Clothing and Textiles
DAN	Dance
ECO	Economics
EDA	Educational Administration
ELT	Electronics Technology
ENG	English
EPY	Educational Psychology
ESC	Environmental Technology
EVD	Environmental Design
FIN	Finance
FL	Foreign Languages
FN	Food and Nutrition
FS	Fundamentals of Science
FSC	Forensic Science
FST	Food Science Technology
GBA	General Business Administration
GEN	Genetics
GHY	Geography
GLY	Geology
HEE	Home Economics Education
HHM	Housing and Home Management
HIS	History
HON	Honors College
HRA	Hotel and Restaurant Administration
HSE	Health and Safety Education; see also Athletic Administration and Coaching
HUM	Humanities
IAD	Institution Administration
INT	Industrial Technology
IVE	Industrial and Vocational Education
JOU	Journalism
LS	Library Science
MAT	Mathematics
MED	Music Education
MET	Mechanical Technology
MFL	Marriage and Family Life
MGT	Management
MIC	Microbiology
MKT	Marketing
MS	Military Science
MTC	Medical Technology
MUS	Music
NSG	Nursing
PED	Physical Education; see also Athletic Administration and Coaching
PHI	Philosophy
PHY	Physics
PS	Political Science
PSC	Polymer Science
PSY	Psychology
REC	Recreation
REF	Research and Foundations
REI	Real Estate and Insurance
REL	Religion
RTF	Radio-Television-Film
SCE	Science Education
SCM	Speech Communication
SHS	Speech and Hearing Science
SOC	Sociology
SPE	Special Education
SWK	Social Work
THE	Theatre
THY	Therapy
TOX	Toxology

EXPLANATION

The semester credit hours are listed after the title of each course.
Example:

201. **Principles of Accounting I.** 3 hrs. An introduction to financial information systems.

The courses marked (JC 1213) are those courses at USM which are equivalent to junior college courses. It should be noted that there is a variance in course sequence between the junior colleges and USM. In addition, courses with the same junior college numbers vary from college to college. An adviser should be consulted prior to course scheduling.

The plus (+) sign in front of a course indicates that a special fee is charged for that course. (See page 40).

ACCOUNTING (ACC—605)

201. **Principles of Accounting I.** 3 hrs. An introduction to financial information systems. (JC 1213, 1214)

202. **Principles of Accounting II.** 3 hrs. Prerequisite: ACC 201. A continuation of ACC 201. (JC 1223, 1224)

300. **Administrative Applications of Accounting.** 3 hrs. Prerequisite: ACC 202. The use of financial information for administrative decision making within the firm.

301. **Intermediate Accounting I.** 3 hrs. Prerequisite: ACC 202. An intensive study of financial statement theory and preparation.

302. **Intermediate Accounting II.** 3 hrs. Prerequisite: ACC 301. A continuation of ACC 301.

307. **Fund Accounting.** 3 hrs. Prerequisites: ACC 302, 320. The study of governmental and fund accounting principles.

320. **Elementary Cost Accounting.** 3 hrs. Prerequisite: ACC 202. A study of cost accounting systems and methods.

330. **Federal Income Tax Accounting I.** 3 hrs. Prerequisite: ACC 301. The legal environment of business as affected by the federal income tax law and regulations.

401. **Advanced Accounting I.** 3 hrs. Prerequisite: ACC 302. A continuation of ACC 302.

* 402. **Advanced Accounting II.** 3 hrs. Prerequisite: ACC 401 or consent of instructor. A continuation of ACC 401.

* 405. **Current Accounting Theory and Research.** 3 hrs. Prerequisite: ACC 320, 402, 409 or consent of instructor. A study of the accounting literature with emphasis on contemporary problems.

409. **Auditing I.** 3 hrs. Prerequisite: ACC 302. An introduction to the financial statement attest function.

* 410. **Auditing II.** 3 hrs. Prerequisite: ACC 409. A continuation of ACC 409.

420. **Advanced Cost Accounting and Budgeting.** 3 hrs. Prerequisite: ACC 320. A continuation of ACC 320 with emphasis on cost analysis for decision making.

* 430. **Federal Income Tax Accounting II.** 3 hrs. Prerequisite: ACC 330. A continuation of ACC 330.

480. **Law in Accounting.** 3 hrs. Prerequisites: GBA 295 and 15 hours of accounting beyond principles.

492. **Research in Accounting Problems.** 1-3 hrs. Prerequisite: Senior Standing and consent of instructor. Individual research on an approved accounting topic.

* Enrollment in the courses requires admission to the School of Professional Accountancy.

ADULT EDUCATION (ADE—110)

440. **Methods and Materials in Adult Education.** 3 hrs. Reviews the uses and adaptation of various materials and techniques for teaching adults. Relates content and methods.

441. **Foundations of Reading Instruction for the Adult.** 3 hrs. Examines the basis of reading instruction in relation to the needs and characteristics of the non-literate adult.

442. **Methods and Materials for Teaching Adults to Read.** 3 hrs. Materials, diagnostic and evaluative procedures, and laboratory experiences will be included.

445. **Teaching the Disadvantaged Adult.** 3 hrs. Characteristics, needs, and problems are related to programs and procedures found to be successful.

476. **Learning in Adult Education.** 3 hrs. A study of learning in adulthood, and related to a range of educational programs.

490. **Special Problems in Adult Education.** 1-3 hrs. May be arranged for an individual or a group with common interests. Permission of the department chairman required.

+ 494. **Student Teaching in Adult Education.** 3-9 hrs. Prerequisite: ADE 440 or 441 or 442 or IVE 431 or 435. For students who plan to teach in an adult education program or a post-secondary vocational center and who are not presently employed in such a program.

+ 495. **Internship in Adult Education.** 3-9 hrs. A nine-months, supervised experience for practicing teachers of adults.

497. **Interdisciplinary Seminar in Developmental Disabilities.** 3 hrs.

AEROSPACE STUDIES (AOS—202)

First-Year Aerospace Studies

101. **General Military Course.** 2 hrs. A beginning course to introduce the student to the Air Force ROTC Program and the contemporary Air Force. Laboratory included.

103. **General Military Course.** 2 hrs. Examines the functions and employment of U.S. General Purpose and U.S. Aerospace Forces. Laboratory included.

Second-Year Aerospace Studies

201. **The Developmental Growth of Air Power.** 2 hrs. Events and personalities contributing to the development of air power as a primary element of national security. Laboratory included.

203. **The Developmental Growth of Air Power.** 2 hrs. The changing mission of the defense establishment, emphasizing the impact of air power on strategic thought. Laboratory included.

Third-Year Aerospace Studies

312. **Military Management Skills.** 4 hrs. Compares the functions of the Air Force commander and his staff with contemporary management theory. Laboratory included.

313. **Military Leadership and Management.** 4 hrs. Examines leadership and management roles of the junior Air Force officer. Includes communications security. Laboratory included.

Fourth-Year Aerospace Studies.

404. **Flight Instruction Program.** 2 hrs. Prerequisite: AOS 313 or permission of the instructor. Includes instruction in principles of flight, weather, and navigation.

412. **National Defense Forces in Contemporary American Society.** 4 hrs. Focuses on the prerequisites for maintaining adequate national security forces. Laboratory included.

413. **National Defense Forces in Contemporary American Society.** 4 hrs. Institutional structures involved in the formulation and implementation of U.S. Defense policies. Laboratory included.

492. **Special Projects.** 1-2 hrs.

ALLIED ARTS (AA—655)

100. **Introduction to the Arts.** 3 hrs. An overview of the fine arts with examination, through team teaching, of the nature of musical, plastic, and theatrical art forms. (JC 1233)

300. **Directed Arts Tour.** 3 hrs. Prerequisite: AA 100 or permission of instructor.

AMERICAN STUDIES (AMS—204)

304. **Issues in America.** 3 hrs. Topics vary according to professor and department in which the course is offered. May be repeated for credit if content varies.

403. **Seminar in American Studies.** 3 hrs. Required of American Studies majors during senior year. Open to other majors with permission of professor.

404. **Issues in America.** 3 hrs. Topics vary according to professor and department in which the course is offered. May be repeated for credit if content varies.

492. **Special Problems.** 1-3 hrs.

ANTHROPOLOGY (ANT—286)

101. **Introduction to Anthropology.** 3 hrs. A survey course in anthropology stressing the origin and the evolution of man, culture, and society. (JC-SOC-2213)

201. **Physical Anthropology.** 3 hrs. A study of human physical variation, population biology, and human development.

204. **Introduction to Archeology.** 3 hrs. Methods and findings of archeological research. Students will also have the opportunity to participate in a local "dig."

212. **Cultural Anthropology.** 3 hrs. A comparative approach to the analysis of human cultural and social diversity. Includes an outline survey of world culture areas. (JC-SOC-2243)

305. **Human Osteology.** 3 hrs. Applications of skeletal examination to forensic medicine, fossil man, diet, diseases, growth, and development of ancient man.

310. **Archeology of North America.** 3 hrs. A study of the origin and development of prehistoric American Indian cultures, emphasizing the Southeastern United States.

311. **Introduction to Linguistic Anthropology.** 3 hrs. Origin and inter-relationship of the major languages of the world.

312. **Peoples and Cultures of Europe.** 3 hrs. Ethnology of Europe and the adjacent North African and Middle Eastern territories.

313. **Peoples and Cultures of Africa.** 3 hrs. An ethnological survey of the major culture areas of the African continent with particular reference to Sub-Saharan Africa.

314. **Peoples and Cultures of Asia.** 3 hrs. Ethnological survey of Asia, Oceania, and Australasia.

315. **American Indian Cultures.** 3 hrs. Ethnological survey of the Americas stressing pre-Columbian and North American Indian cultures.

316. **Biblical Archeology.** 3 hrs. A survey of ancient Near Eastern peoples and cultures as reconstructed by anthropology and archeology.

320. **Urban Anthropology.** 3 hrs. Origin, evolution, and problems of urban communities including a survey of the techniques employed by urban anthropologists.

401. **Primate Behavior.** 3 hrs. Study of nonhuman Old and New World primates with regard to growth, behavior, social organization, and ecology.

403. **Prehistoric Archeology.** 3 hrs. A survey of the archeology of the Old World.

404. **Mediterranean Archeology.** 3 hrs. The archeology of complex societies with particular reference to the general area.

411. **Foundations of Indo-European Thought and Culture.** 3 hrs. A comparative approach to the background of western culture, utilizing linguistics, mythology, and archeology.

412. **Mythology and Folklore.** 3 hrs. A survey of the major folklore traditions.

413. **History of Anthropological Theory.** 3 hrs. A general survey of historical anthropological thought and of the major contemporary schools of anthropological theory.

415. **Archeology Field Methods.** 1-6 hrs. Methods of fieldwork through participation in organized field projects. Permission of instructor required.

420. **Culture and Ethnicity.** 3 hrs. An analysis of culture and ethnicity with special reference to the problem of modernization.

426. **Topics in Anthropology.** 3 hrs. Variable content. May be repeated three times in separate topical offerings.

434. **Primitive Religion.** 3 hrs. Beliefs and ritual in primitive society. Relationship between magic and early religion. Animism, animatism, ghost-worship, and cults of death.

492. **Special Problems.** 1-3 hrs. A problem study to be approved by the department chairman.

499. **British Studies.** 3-6 hrs. Variable content. Lecture series and research abroad under the auspices of the Institute of Anglo-American Studies.

ARCHITECTURAL TECHNOLOGY (ACT—392)

132. **Architectural Graphics.** 3 hrs. Principles of orthographic projection and related drafting techniques applied to architectural and mechanical systems.

204. **Building Materials.** 3 hrs. Properties, characteristics, and utilization of materials used in construction.

221. **Architectural Models.** 2 hrs. Prerequisite: ACT 261. Introduction to materials and techniques used in architectural modeling.

222. **Architectural History.** 3 hrs. Analysis of man's achievements in the design and construction of major architectural developments from early times to present.

235. **Building Systems I.** 3 hrs. Prerequisites: ACT 132, 204. Residential systems design and planning, with emphasis on materials integration, methods of construction and planning.

241. **Statics.** 3 hrs. Prerequisites: MAT 103, PHY 105. Forces using vector notation; static equilibrium of rigid bodies, friction, centroids, and moment of inertia.

261. **Residential Planning and Design.** 3 hrs. Prerequisites: ACT 132, 204. Analysis and problem solutions in the design and planning of residential buildings.

262. **Architectural Design I.** 3 hrs. Prerequisites: ACT 261. Design concepts and building types related to high density living areas.

315. **Mechanical Systems.** 3 hrs. Prerequisite: ACT 132. Design, installation, and performance of mechanical systems.

316. **Electrical Systems.** 3 hrs. Prerequisite: ACT 132. Design, installation, and performance of electrical equipment for residential and commercial buildings.

323. **Architectural Rendering.** 3 hrs. Prerequisites: ARE 207, ACT 132. Visual expression of architectural principles and structures. Perspectives, shades, shadows, colors, etc.

324. **Architectural Landscaping.** 3 hrs. Prerequisite: BCT 205 or permission of instructor. Principles of landscaping as applied to the building environment.

325. **Office Practice.** 2 hrs. Prerequisite: BCT 336. Preparation of contract documents, contract administration, and architectural office operations.

326. **Specifications.** 2 hrs. Development and writing of architectural project specifications.

336. **Building Systems II.** 3 hrs. Prerequisite: ACT 235. Commercial building systems design and planning with emphasis on materials integration. Methods of construction and building codes.

338. **Architectural Working Drawings.** 3 hrs. Prerequisite: BCT 336. Emphasis on detailing, graphics, plan coordination and development of working drawings.

342. **Strength of Materials.** 3 hrs. Prerequisites: ACT 241, MAT 236. Stresses, strains, torsion, shear and moment in beams, bending, combining stresses, and columns.

343. **Structural Design.** 3 hrs. Prerequisite: ACT 342. Function and design of wood and steel structural components and systems.

363. **Architectural Design II.** 3 hrs. Prerequisite: ACT 262. Design concepts and building types related to human work spaces and service facilities.

364. **Architectural Design III.** 3 hrs. Prerequisite: ACT 363. Design problems related to churches and religious educational building.

392. **Special Problems.** 1-3 hrs. Prerequisites: Junior standing and approval of faculty adviser.

400. **Senior Project.** 3 hrs. Prerequisites: Senior standing and approval of faculty adviser.

401. **Senior Project.** 3 hrs. Prerequisites: Senior standing and approval of faculty adviser.

417. **Illumination and Acoustics.** 2 hrs. Prerequisite: ACT 316. Study of architectural lighting systems, principles of acoustics and sound control in the design of buildings.

457. **Architectural Estimating.** 2 hrs. Prerequisite: BCT 454. Development of project budgets from schematic stages through final design using conceptualized estimating and value engineering methods.

465. **Architectural Design IV.** 3 hrs. Prerequisite: ACT 364. Design problems related to areas of medical facilities.

466. **Architectural Design V.** 3 hrs. Prerequisite: ACT 364. Integration of architectural and environmental consideration into large scale human habitat.

467. **Architectural Restoration.** 2 hrs. Prerequisite: ACT 364. Study of preservation, restoration and reconstruction of existing buildings.

492. **Special Problems.** 1-3 hrs. Prerequisites: Senior standing and approval of faculty adviser.

ART (ART—660)

(*Permission of instructor necessary)

101. **Drawing I.** 3 hrs. A study of the possibilities of drawing as the expression of a variety of ways of seeing and thinking. (JC 1313)

102. **Drawing II.** 3 hrs. Prerequisite: ART 101*. A continuation of ART 101. (JC 1323)

111. **Design I.** 3 hrs. A study of the basic elemental relationships, plastic integration factors, principles, and the ordering of them toward expression. (JC 1413)

112. **Design II.** 3 hrs. Prerequisite: ART 111*. A continuation of the study of design with color theory and practice. (JC 1423)

131. **Theoretical Foundations.** 3 hrs. A study of the scope and nature of the plastic expressions with some bases for criticism. (JC 1113)

201. **Figure Drawing I.** 3 hrs. Prerequisite: ART 102, 112, or *. Study of the structure and anatomy of the human figure. Drawing and study from the figure.

202. **Figure Drawing II.** 3 hrs. Prerequisite: ART 201 or *. Advanced study from the human figure involving composition and sustained drawings.

203. **Figure Drawing III.** 3 hrs. Prerequisite: ART 202 or *. Advanced drawing from the figure involving composition, expression and personal vision.

212. **Crafts.** 3 hrs. A study of the techniques and problems involved in the creation and design of jewelry. May not be used toward the major in art or art education.

213. **Crafts.** 3 hrs. A continuation of ART 212 with emphasis in lapidary work. May not be used toward the major in art or art education.

221. **Technical Foundations for Painting.** 3 hrs. Prerequisites: ART 101, 111 or *. Experimental problems with traditional painting media and techniques.

251. **Ceramics.** 3 hrs. Traditional techniques in the forming, firing, and glazing of clay. May not be used toward the major or minor in art or art education.

301. **Drawing.** 3 hrs. Prerequisite: ART 102*. Expressive use of a variety of perspective systems.

302. **Drawing.** 3 hrs. Prerequisite: ART 202. Advanced study of visual form in drawing.

303. **Drawing.** 3 hrs. Prerequisite: ART 302. Advanced problematic study of form in drawing moving toward personal expression.

304. **Workshop in Drawing.** 1-3 hrs. arr. A variety of drawing experiences which may be pursued by students at various levels. May not be used toward the major or minor.

305. **Graphic Arts I.** 3 hrs. Prerequisites: ART 102 and 112. A study of techniques and design for relief printmaking.

306. **Graphic Arts II.** 3 hrs. Prerequisites: ART 102 and 112. A study of techniques and design for intaglio printmaking.

307. **Graphic Arts III.** 3 hrs. Prerequisites: ART 102 and 112. A study of techniques and design for lithographic printmaking.

308. **Graphic Arts IV.** 3 hrs. Prerequisite: ART 102 and 112. Techniques and design for serigraphic printmaking.

311. **Design.** 3 hrs. Prerequisite: ART 112*. Studio problems in design, emphasis on individual student needs.

312. **Design.** 3 hrs. Prerequisite: ART 311*. Studio problems in design, emphasis on individual needs.

313. **Design.** 3 hrs. Prerequisite:*. Advanced studio problems in design.

314. **Design.** 3 hrs. Prerequisite: ART 313. Advanced studio prob-lems in design.

321. **Painting I.** 3 hrs. Prerequisite: ART 102, 112 or *. Introduction to problematic study of form in painting.

322. **Painting II.** 3 hrs. Prerequisite: ART 321*. Advanced problematic study of form in painting.

323. **Painting III.** 3 hrs. Prerequisite: ART 322*. Advanced problematic study of painterly form moving toward an introduction to personal expression.

324. **Workshop in Painting.** 1-3 hrs. Painting experiences which may be pursued by students at various levels. May not be used toward the major or minor.

331. **Directed Museum and Gallery Tour.** 1 hr. An elective addendum to ART 131. Field trip and tour of galleries and museums for the viewing of original works.

332. **History of Art I.** 3 hrs. Ancient through Medieval Art. A survey course.

334. **History of Art II.** 3 hrs. Renaissance, Baroque, Nineteenth, and Twentieth Century Art.

341. **Commercial Techniques I.** 3 hrs. Prerequisites: ART 102 and 112*. The rendering of objects and materials for commercial presentation.

342. **Commercial Techniques II.** 3 hrs. Prerequisites: ART 341*. Hand and precision lettering and advertising and show card layout.

343. **Commercial Techniques III.** 3 hrs. Prerequisites: ART 341, 342*. Study of commercial illustrative techniques and their application to layout problems.

344. **Illustration.** 3 hrs. Study of illustration. Problems and techniques involving the relation of the medium to the subject.

351. **Three Dimensional Techniques.** 3 hrs. Prerequisite: ART 112. Experimental and traditional techniques in the manipulation of clay and plaster.

352. **Three Dimensional Techniques.** 3 hrs. Prerequisite: ART 112. Experimental and traditional techniques in manipulation of metal and wood.

400. **The Art of Italy: An Examination of Art in Italy.** 3 hrs.

412. **Crafts I.** 3 hrs. Prerequisite: ART 112. A study of the techniques and problems involved in the creation and design of jewelry.

413. **Crafts II.** 3 hrs. Prerequisite: ART 112 or ART 412. A continuation of ART 412 with emphasis in lapidary work.

414. **Crafts III.** 3 hrs. Prerequisite: ART 112 or ART 412. Techniques and problems involved in the creation and design of various fabrics with fibrous materials.

415. **Trends in Current Plastic Expression.** 3 hrs. A course designed to keep the student abreast of current trends in the plastic arts.

420. **Adapting Selected Current Art Trends.** 3 hrs. Art trends are identified and developed in terms of philosophies, practitioners, backgrounds, and techniques.

421. **Painting IV.** 3 hrs. Prerequisites: ART 323*. A personal search in painting. Class discussion and criticism.

422. **Painting V.** 3 hrs. Prerequisites: ART 421*. Advanced development of a personal language and statement in painting.

423. **Painting VI.** 3 hrs. Prerequisites: ART 422. A sustained individual effort in painting leading to the independent work of the senior project.

428. **Painting Project.** 3 hrs. Prerequisites: ART 422, 423*. Independent expressive problem in painting culminating with an exhibition.

431. **Ancient Art.** 3 hrs. Prerequisite: ART 332. Artistic achievements of the ancient world. A careful analysis of examples correlated with their background.

432. **Medieval Art.** 3 hrs. Prerequisite: ART 332. Art of the western civilizations from the fall of the Roman Empire to the end of the fourteenth century.

433. **Renaissance Art.** 3 hrs. Prerequisite: ART 334. Art of Italy, France, Germany, Spain, and the Low Countries from the close of the Middle Ages through the sixteenth century.

434. **Baroque and Rococo Art.** 3 hrs. Prerequisite: ART 334. The tracing of these movements through the western world from the close of the sixteenth through the eighteenth century.

435. **Nineteenth Century Art.** 3 hrs. Prerequisite: ART 334. An analysis of Neo-Classicism, Romanticism, and Impressionism.

436. **Twentieth Century Art.** 3 hrs. Prerequisite: ART 334. An analysis of Fauvism, Cubism, Futurism, Surrealism, and Expressionism.

441. **Graphic Communication I.** 3 hrs. Prerequisite: ART 343*. Problems in advertising design, with particular attention to modern reproduction methods.

442. **Graphic Communication II.** 3 hrs. Prerequisite: ART 441. Continuation of ART 441 including color separation techniques and typographic experiments.

443. **Graphic Communication III.** 3 hrs. Prerequisite: ART 442. A continuation of ART 442, with particular emphasis on professional procedure.

448. **Graphic Communication Project.** 3 hrs. Prerequisite: ART 443*. Project in advertising design and presentation involving considerable research. Seminar.

451. **Three Dimensional Expression.** 3 hrs. Prerequisite: ART 351. Aesthetic problems in three dimensional expression, emphasis clay or plaster.

452. **Three Dimensional Expression.** 3 hrs. Prerequisite: ART 352. Aesthetic problems in three dimensional expression, emphasis wood, metal, or plastics.

453. **Three Dimensional Expression.** 3 hrs. Prerequisite: ART 451. Utilitarian problems in three dimensional expression, emphasis clay.

454. **Three Dimensional Expression.** 3 hrs. Prerequisite: ART 452. Three dimensional expression, emphasis wood, metal, or plastics.

458. **Three Dimensional Design Project.** 3 hrs. Prerequisites: ART 452 and 454. Project in three dimensional expression involving considerable research. Seminar.

ART EDUCATION (ART—665)

207. **Introductory Art.** 3 hrs. For non-art majors. Survey of the fundamentals of Art. (JC 1213)

309. **Elementary School Art.** 3 hrs. Prerequisite: ARE 207 (elementary education majors); ART 101 and ART 111 (art education majors). Art theory and techniques to the elementary classroom situation.

310. **Public School Art.** 3 hrs. Prerequisite: ARE 309. An application of art theory and techniques to the secondary classroom situation.

320. **Directed Tour of Exemplary Art Education Programs.** 3 hrs. Prerequisite: ARE 309 or 310. Observation of exemplary art education programs in operation in the U.S. or abroad.

392. **Special Projects for Teachers I, II.** 2 hrs. Prerequisite: ARE 207. Projects in art and methods of presentation to children in the elementary grades.

426. **Curriculum and Instruction in Art Education.** 3 hrs. A study of the art curriculums and instructional programs in the public schools in grades K through twelve.

491. **Art Education Workshop.** 2 hrs. A study of art education problems. This course may not be applied toward a degree in art education.

492. **Art Education Project.** 3 hrs. Prerequisite: ARE 309 and ARE 310. A research project in specialized art techniques as applied to the classroom situation.

ASTRONOMY (AST—365)

111. **General Astronomy.** 3 hrs. Introduction to the coordinate systems of the earth and celestial sphere, the solar system, comets, and meteorites.

111-L. **General Astronomy Laboratory.** 1 hr.

112. **General Astronomy.** 3 hrs. Astronomy of deep space, galaxies, the stellar energy cycle.

112-L. **General Astronomy Laboratory.** 1 hr.

ATHLETIC ADMINISTRATION AND COACHING (AAC—710)

210. **Varsity Football.** 1 hr.

211. **Varsity Basketball.** 1 hr.

212. **Varsity Baseball.** 1 hr.

213. **Varsity Track and Field.** 1 hr.

214. **Varsity Tennis.** 1 hr.

215. **Varsity Golf.** 1 hr.

216. **Varsity Softball.** 1 hr.

217. **Varsity Volleyball.** 1 hr.

218. **Varsity Swimming and Diving.** 1 hr.

240. **Techniques of Officiating Minor Sports.** 3 hrs. Personal skills and officiating techniques in varsity sports. To include track and field, swimming, golf, and tennis.

300. **Foundations and Trends in Athletics and Coaching.** 3 hrs. The role of athletics in society. The sociological, cultural, and ethical dealings with athletics as it relates to coaching.

303. **Organization and Administration of High School Athletics.** 3 hrs. The organizational and administrative procedures of major and minor sports programs.

320. **Basic Techniques of Coaching Football.** 3 hrs. The study of offensive and defensive fundamentals. The philosophies, terminology, strategy, and individual techniques used in football.

321. **Basic Techniques of Coaching Basketball.** 3 hrs. A study of basketball fundamentals. The history, philosophy, terminology, strategy, and individual techniques of basketball.

322. **Coaching Wrestling.** 2 hrs. Fundamentals of coaching wrestling as it relates to the selection of personnel, skills, and proper training procedures.

323. **Coaching Volleyball.** 2 hrs. Fundamentals of coaching volleyball as it relates to the selection of personnel, skills, and proper training procedures.

340. **Coaching Golf.** 2 hrs. Theoretical and practical approach to golf instruction. Course planning and maintenance, rules and etiquette, and tournament administration.

341. **Coaching Tennis.** 2 hrs. Techniques of coaching tennis. Construction and maintenance of tennis courts. Organization and administration of a tennis program.

360. **The Organization and Administration of Aquatics.** 3 hrs. Community and school swimming programs, pool operation, maintenance, and sanitation.

361. **Coaching Swimming and Diving.** 3 hrs. Fundamental principles involved in swimming and diving. Selection and placement of personnel, practice schedules, and training techniques.

362. **Advanced Life Saving and Water Safety.** 2 hrs. Prerequisite: Proficiency in swimming. American Red Cross Advanced Life Saving Certificate awarded upon course completion.

370. **Prevention and Care of Athletic Injuries.** 3 hrs. Theory and practice for the prospective trainer and coach.

371. **Evaluation Techniques of Athletic Injuries.** 3 hrs. A specialized course dealing with anatomy, injury symptoms, and specific tests to help make preliminary evaluation of injuries.

372. **Athletic Therapy Modalities.** 2 hrs. The theory and operation of the most commonly used therapeutic devices of the training room.

373. **Strength, Conditioning, and Rehabilitation.** 2 hrs. Building stronger athletes, developing maximum efficiency, and post-injury rehabilitation.

402. **Competitive Sports for Children and Youth.** 3 hrs. An analysis of the organization, administration, trends, and effects of competitive sports for children and youth.

403. **The Role of Women in Competitive Sports.** 3 hrs. A historical and theoretical analysis of fundamentals, techniques, methods, administrative procedures, and the implementation of Title IX.

404. **Equipment and Facilities for Competitive Athletics.** 3 hrs. The planning and administration of facilities to include purchasing, care, and inventory of equipment.

405. **Governing Agencies for Competitive Athletics.** 3 hrs. An indepth study of the governing agencies related to the administration and control of athletic competition.

409. **Psychological and Sociological Aspects of Coaching.** 3 hrs. The analysis and study of human behavior patterns as they relate to athletics.

420. **Techniques of Officiating Sports.** 3 hrs. Personal skills and officiating techniques of sports.

421. **Advanced Techniques of Coaching Football.** 3 hrs. Player selection, offensive and defensive formations, and game organization and strategy.

422. **Advanced Techniques of Coaching Basketball.** 3 hrs. The criteria of player selection with emphasis on the area of theory, principles, and techniques of offensive and defensive planning and strategy.

423. **Coaching Baseball.** 3 hrs. The study of advanced techniques of baseball. Emphasis placed on player selection and placement, team organization, and game strategy.

424. **Coaching Track and Field.** 3 hrs. Selecting personnel, fundamentals, and training techniques.

425. **Field Experience in Officiating Competitive Athletics.** 3 hrs. Prerequisites: AAC 240 and AAC 420. To provide an opportunity for practical experience in officiating competitive athletics.

426. **Coaching Soccer.** 3 hrs. Fundamentals of coaching soccer as it relates to the selection of personnel, philosophy, skills and proper training procedures.

460. **Water Safety Instructor's WSI.** 2 hrs. Prerequisite: AAC 362. Knowledge and skills beyond the scope of Advanced Life Saving; certifying personnel to conduct water safety courses in schools and communities.

470. **Assessment and Development of Athletic Attributes.** 3 hrs. The development and administering of strength, endurance, flexibility, reaction, speed, and agility programs.

471. **Practice Organization, Scouting, and Communication Techniques.** 3 hrs. Daily practice plans. Scouting techniques, cinematography, instructional materials, techniques and equipment for coaches.

472. **Field Experience in Athletic Training.** 3 hrs. During the senior year, all students working toward an athletic training certificate will be given actual practice in the field.

473. **Practicum in Athletic Administration and Coaching.** 1-6 hrs. Provision of experiences in the unique phases of the Department of Athletic Administration and Coaching program.

474. **Taping and Wrapping of Athletic Injuries.** 2 hrs. Prerequisites: AAC 370 and AAC 371. Practical taping and wrapping experiences consisting of observation and actual taping of all types of athletic injuries.

475. **Medical Aspects of Athletic Training.** 3 hrs. Team physician and trainer relationships. Physical examination, emergency equipment, medical terminology, and problems related to the team doctor.

476. **Training Room Practice.** 1-6 hrs. Practical training room experiences consisting of observation and actual practice of training room techniques.

477. **Seminar in Sports Medicine.** 3 hrs. A study of modern methods and techniques utilized in sports medicine as it relates to coaches, trainers, and team physicians.

BIOLOGY (BIO—305)

110. **Principles of Biology I.** 3 hrs. Introduction to biology, emphasizing the principal structural and functional systems of cells, organ systems, and organisms.

110-L. **Principles of Biology I Laboratory.** 1 hr.

111. **Principles of Biology II.** 3 hrs. Prerequisite: BIO 110 or equivalent. Principles of biology at the level of the population, community, and ecosystem.

111-L. **Principles of Biology II Laboratory.** 1 hr.

210. **General Botany.** 2 hrs. Prerequisite: BIO 110 or equivalent. Systematics, structure, physiology, growth and development of plants.

210-L. **General Botany Laboratory.** 1 hr.

211. **General Zoology.** 2 hrs. Prerequisite: BIO 110 or equivalent. Systematics, functional morphology, and ecological relationships of the major animal phyla.

211-L. **General Zoology Laboratory.** 1 hr.

220. **Human Anatomy and Physiology I.** 3 hrs. Cells and tissues; integumentary, skeletal, muscular, respiratory and circulatory systems. No credit for biology majors. (JC 1513, 2513)

220-L. **Human Anatomy and Physiology I Laboratory.** 1 hr.

221. **Human Anatomy and Physiology II.** 3 hrs. Digestive, nervous, urogenital and endocrine systems. No credit for biology majors. (JC 1523, 2523)

221-L. **Human Anatomy and Physiology II Laboratory.** 1 hr.

250. **Ornamental Horticulture.** 3 hrs. Study of the factors necessary for the growth, propagation, recognition, and control of ornamental plants.

251. **Landscape Planning.** 3 hrs. Soil conditioning, shrubbery placement, and care and maintenance of managed landscapes.

300. **Evolutionary Biology.** 3 hrs. Prerequisites: BIO 110 or equivalent; BIO 211, and GLY 103 recommended. A comprehensive treatment of evolutionary theory.

315. **Cellular Physiology.** 3 hrs. Prerequisites: 8 hours of biology, 8 hours of chemistry; organic chemistry recommended. Cellular anatomy, chemistry, and physics.

320. **Comparative Anatomy.** 2 hrs. Phylogeny of the chordates, with special emphasis on vertebrate organ systems.

320-L. **Comparative Anatomy Laboratory.** 2 hrs.

401. **History of Biology.** 3 hrs. Lectures and papers concerning the development of biological sciences.

404. **Herpetology.** 2 hrs. Prerequisites: BIO 110, 111. Collection, preservation, identification and distribution of amphibians and reptiles. Field trips when possible.

404-L. **Herpetology Laboratory.** 1 hr.

405. **Pharmacology.** 3 hrs. Prerequisites: Vertebrate biology and organic chemistry. The response of living organisms to drugs.

410. **Electron Microscopy.** 1 hr. Theory and use of the electron microscope and associated instrumentation, and darkroom techniques.

410-L. **Electron Microscopy Laboratory.** 2 hrs.

411. **Histology.** 4 hrs. Prerequisite: 12 hours of biology. Microscopic anatomy of mammalian organ systems.

411-L. **Histology Laboratory.** Must be taken concurrently with BIO 411; no separate credit given for the laboratory.

412. **Microtechnique.** 1 hr. Techniques for sectioning, mounting, and staining tissue and making whole mounts.

412-L. **Microtechnique Laboratory.** 2 hrs.

415. **Pathobiology.** 2 hrs. Prerequisite: BIO 411. Principles of histopathology of vertebrates and invertebrates.

415-L. **Pathobiology Laboratory.** 1 hr.

420. **Embryology.** 2 hrs. Prerequisite: Consent of instructor. Maturation, fertilization, cleavage, histogenesis, and organogenesis.

420-L. **Embryology Laboratory.** 2 hrs.

422. **Advanced Embryology.** 2 hrs. Factors which activate or regulate developmental processes.

422-L. **Advanced Embryology Laboratory.** 1 hr.

423. **Protozoology.** 2 hrs. Prerequisites: BIO 110, 111. Introduction to parasitic and free-living protozoa.

423-L. **Protozoology Laboratory.** 1 hr.

424. **Human Parasitology.** 3 hrs. Prerequisites: BIO 110, 211. Life histories, medical significance, and diagnosis of helminths and protozoa parasitic in man.

424-L. **Human Parasitology Laboratory.** 1 hr.

426. **Medical Entomology.** 2 hrs. Prerequisite: Consent of instructor. Arthropod vectors and agents of disease.

426-L. **Medical Entomology Laboratory.** 1 hr.

428. **Environmental Physiology.** 2 hrs. Physiological adaptations enabling animals to meet environmental challenges.

428-L. **Environmental Physiology Laboratory.** 1 hr.

429. **Invertebrate Physiology.** 2 hrs. Prerequisite: 12 hours of biology. A functional approach to the major invertebrate phyla.

429-L. **Invertebrate Physiology Laboratory.** 1 hr.

430. **Mammalian Physiology.** 3 hrs. The functions of mammalian systems; interrelationships and regulation are emphasized.

430-L. **Mammalian Physiology Laboratory.** 1 hr.

432. **General Physiology.** 3 hrs. Organismic function and the adaptations which characterize major animal groups.

432-L. **General Physiology Laboratory.** 1 hr.

434. **Endocrinology.** 3 hrs. Prerequisites: BIO 110, 111, or consent of instructor. Survey of the endocrine system and its regulation of physiological processes.

435. **Animal Behavior.** 3 hrs. Prerequisite: BIO 211. Classical and current concepts of animal behavior including individual and social behavioral patterns.

435-L. **Animal Behavior Laboratory.** 1 hr.

436. **Invertebrate Zoology I.** 2 hrs. Prerequisites: BIO 110, 211. Functional morphology, systematics, and life histories of the phyla Porifera through the minor protostomes.

437. **Invertebrate Zoology II.** 2 hrs. Prerequisite: BIO 436. Functional morphology, systematics, and life histories of invertebrate phyla through the Hemichordata.

437-L. **Invertebrate Zoology II Laboratory.** 1 hr.

438. **Entomology.** 2 hrs. Prerequisites: BIO 110, 111. Structural adaptations, classification, life histories and habits, and the economic importance of insects.

438-L. **Entomology Laboratory.** 1 hr.

439. **Arachnida Biology.** 2 hrs. Prerequisites: BIO 110, 111. Biology, morphology, and classification of the arachnids.

439-L. **Arachnida Biology Laboratory.** 1 hr.

440. **Ichthyology.** 2 hrs. Collection, preservation, and identification of local fresh water fishes and fish-like vertebrates.

440-L. **Ichthyology Laboratory.** 1 hr.

441. **Ornithology.** 2 hrs. Prerequisite: BIO 320 recommended. Morphology, taxonomy, life history, distribution, evolution, and adaptations of birds.

441-L. **Ornithology Laboratory.** 1 hr.

442. **Mammalogy.** 2 hrs. Prerequisite: BIO 320 recommended. Morphology, taxonomy, life history, distribution, evolution, and adaptations of mammals.

442-L. **Mammalogy Laboratory.** 1 hr.

443. **Principles of Nomenclature.** 3 hrs. Prerequisite: Consent of instructor. Discussions and problems in biological nomenclature.

444. **Biology of Fishes.** 2 hrs. Prerequisite: Consent of instructor. Systematics and ecology of fishes.

444-L. **Biology of Fishes Laboratory.** 1 hr.

445. **Introduction to Fishery Science.** 2 hrs. A survey of the biology, management, and potential yield of fish populations.

445-L. **Introduction to Fishery Science Laboratory.** 1 hr.

448. **Introductory Mycology.** 2 hrs. Prerequisite: Consent of instructor. Taxonomy, physiology, and biochemistry of fungi.

448-L. **Introductory Mycology Laboratory.** 1 hr.

449. **Introductory Phycology.** 2 hrs. Prerequisite: Consent of instructor. Taxonomy, physiology, and biochemistry of the algae.

449-L. **Introductory Phycology Laboratory.** 1 hr.

450. **Plant Anatomy.** 2 hrs. Prerequisite: BIO 210 or equivalent. A study of the anatomy of vascular plants.

450-L. **Plant Anatomy Laboratory.** 1 hr.

451. **Bryophytes and Vascular Plants.** 3 hrs. Prerequisite: BIO 210 or equivalent. Life cycles, evolution, and morphology of bryophytes and vascular plants.

451-L. **Bryophytes and Vascular Plants Laboratory.** 1 hr.

453. **Aquatic and Marsh Plants.** 2 hrs. Prerequisite: Consent of instructor. Collection, identification, and ecology of plants of fresh and brackish water.

453-L. **Aquatic and Marsh Plants Laboratory.** 1 hr.

454. **Plant Physiology.** 2 hrs. Prerequisite: General and organic chemistry recommended. The basic physiological processes of green plants.

454-L. **Plant Physiology Laboratory.** 1 hr.

455. **Economic Botany.** 2 hrs. Prerequisite: BIO 210 or equivalent or consent of instructor. Origin, distribution, and significance of plants most important to man.

455-L. **Economic Botany Laboratory.** 1 hr.

457. **Taxonomy of Local Flora.** 2 hrs. Prerequisites: BIO 110, 111. The classification of the local flora.

457-L. **Taxonomy of Local Flora Laboratory.** 1 hr.

458. **Dendrology.** 2 hrs. Prerequisites: BIO 110, 111. The taxonomic and ecological characteristics, and the distribution of trees.

458-L. **Dendrology Laboratory.** 1 hr.

460. **Zoogeography.** 3 hrs. Prerequisite: Consent of instructor. A descriptive and analytical study of the distribution of animals.

461. **Ecology.** 2 hrs. Prerequisites: BIO 110, 111, or consent of instructor. Interrelationships among living and non-living components of ecosystems.

461-L. **Ecology Laboratory.** 1 hr.

462. **Population and Community Ecology.** 2 hrs. Collection, analysis, and interpretation of data on natural populations and communities.

462-L. **Population and Community Ecology Laboratory.** 1 hr.

463. **Behavioral Ecology and Sociobiology.** 3 hrs. Prerequisites: BIO 435 and 461 recommended. The adaptive significance and evolution of behavior.

465. **Freshwater Biology.** 1 hr. Prerequisite: Consent of instructor. Theory and application of biological methods used to study freshwater ecosystems.

465-L. **Freshwater Biology Laboratory.** 2 hrs.

466. **Limnology.** 2 hrs. Prerequisites: BIO 110, 111, and consent of instructor. The physical, chemical, and biological dynamics of inland standing waters.

466-L. **Limnology Laboratory.** 1 hr.

467. **Introduction to Biological Oceanography.** 2 hrs. Prerequisites: BIO 110, 111. Marine biological regimes and the influence of geological, physical, and chemical oceanographic factors.

467-L. **Introduction to Biological Oceanography Laboratory.** 1 hr.

468. **Aquaculture.** 2 hrs. Prerequisites: 12 hours of biology and 8 hours of chemistry. Production of aquatic organisms in natural and artificial environments.

468-L. **Aquaculture Laboratory.** 1 hr.

470. **Natural History of Infectious Diseases.** 3 hrs. A study of infectious diseases and their effect on man.

472. **Natural History of Animals.** 1 hr. Prerequisite: Consent of instructor. Life histories of animals. Designed for teachers.

472-L. **Natural History of Animals Laboratory.** 2 hrs.

473. **Natural History of Plants.** 1 hr. Prerequisite: Consent of instructor. Life histories of plants. Designed for teachers.

473-L. **Natural History of Plants Laboratory.** 2 hrs.

475. **Plant Ecology.** 2 hrs. Prerequisite: Advanced standing in botany. Relationship of plants to their environment.

475-L. **Plant Ecology Laboratory.** 1 hr.

492. **Biological Problems I, II, III, IV.** 1-6 hrs. Courses in special techniques, designed for majors with a need for certain basic techniques as tools for research.

493. **Field Biology.** 2-6 hrs. arr. Ecological and taxonomic studies. Offered between semesters as 4- to 12-day field trips.

496. **Undergraduate Seminar I, II, III.** 1-3 hrs. The presentation and discussions of current biological topics.

The following courses are taught at the Gulf Coast Research Laboratory in Ocean Springs by the Gulf Coast Research Laboratory Staff.

481. **Marine Vertebrate Zoology.** 6 hrs. Prerequisite: 16 hours of biology. Survey of marine chordates; fishes, reptiles, mammals, and shore birds.

483. **Marine Invertebrate Zoology.** 6 hrs. Prerequisites: 16 hours of biology. Morphology, distribution, and ecology of the phyla Protozoa through Protochordates.

485. **Marine Parasitology.** 6 hrs. Prerequisite: Consent of instructor. Emphasis on morphology, taxonomy, life histories, and host-parasite relationships.

486. **Salt Marsh Ecology.** 4 hrs. The botanical aspects of local marshes; includes plant identification, composition and structure.

487. **Marine Aquaculture.** 6 hrs. Problems and procedures relating to the culture of commercially important crustaceans, fish, and mollusks.

488. **Introduction to Marine Zoology.** 4 hrs. Prerequisite: 8 hours of biology. An introduction to marine environment and local fauna.

489. **Marine Botany.** 4 hrs. Prerequisite: 10 hours of biology including botany. A survey, based upon local examples, of the principal groups of marine algae.

BUSINESS EDUCATION (BED—105)

100. **Keyboarding.** 2 hrs. Developing basic keyboarding skills useful to a wide spectrum of disciplines to enable people to produce words using a keyboard terminal.

101. **Elementary Typewriting.** 3 hrs. For **beginners.*** Acquiring keyboard control, developing correct typewriting techniques, and applying this skill to problems. (JC 1103, 1113)

102. **Intermediate Typewriting.**** 3 hrs. A review of keyboard and manipulative controls, with emphasis on letter styles, manuscripts, and tabulated reports. (JC 1123)

199. **Machine Shorthand.** 4 hrs. Begninning machine shorthand theory with emphasis on reading and writing, dictation and transcription. Laboratory included.

200. **Introduction to Business Communication.** 3 hrs. Basic mechanics of grammar usage and punctuation for business communications.

201. **Beginning Shorthand.** 3 hrs. For **beginners.*** Shorthand theory with practice; emphasis on fluency of reading and writing; some dictation and transcription. Laboratory included. (JC 1203, 1213)

202. **Intermediate Shorthand.**** 3 hrs. Review of shorthand theory, with emphasis on dictation, pre-transcription factors, and transcription. Laboratory included. (JC 1223)

300. **Business Communications.** 3 hrs. Prerequisites: BED 200, ENG 101 and 102. Study and application of principles and techniques used in analyzing problems and writing effective business letters and memos.

302. **Foundations in Consumer and Economics Education.** 3 hrs. Concepts and principles of economic and business structures for economic literacy.

305. **Dictation and Transcription.**** 3 hrs. Automatic review of shorthand theory, with emphasis on speed and transcription of mailable transcripts. Laboratory included.

310. **Advanced Typewriting.**** 3 hrs. Emphasis on speed and accuracy in preparing stencils, business forms, legal documents, tables, manuscripts, and letters.

340. **Adding and Calculator Machine Operation.** 2 hrs. Operation of rotary and printing calculators; full keyboard and ten-key adding machines. Laboratory included.

352. **Filing Systems and Records Management.** 2 hrs. Study of major filing systems; rules for alphabetizing; application of filing to specific types of businesses.

354. **Problems in Typewriting.** 2 hrs. Prerequisite: BED 310. Techniques in skill building; speed and accuracy in typing a variety of office forms; emphasis on production work.

360. **Word Processing.** 3 hrs. Prerequisite: Ability to typewrite. The theory of word processing as an office system; skill development in the operation of automated magnetic keyboard typewriters.

404. **Advanced Machine Shortand.**** 3 hrs. Prerequisite: Speed of 140 in BED 305. Dictation and transcription of literary material, jury charge, and testimony. Laboratory included.

450. **Office Appliances.** 3 hrs. Prerequisite: Typewriting ability. Operation of calculators, adding and posting machines, electric typwriters, mimeoscopes, transcribing and duplicating machines. Laboratory included.

451. **The Project Method in Distributive Education.** 3 hrs. The project method of teaching distributive education; individualized instructional materials; laboratory activities; evaluation; and research.

452. **History and Philosophy of Vocational Education.** 3 hrs. History; concepts, office occupations, employment opportunities, procedures, and techniques (for business and distributive education teachers only).

453. **Techniques of Coordination.** 3 hrs. Techniques and procedures used in coordinating office occupations programs and distributive education programs.

454. **Methods and Materials in Teaching Distributive Education.** 3 hrs. Principles, concepts, program plans, curricula, methods and instructional materials, activities, research, and evaluation.

455. **Organization and Administration of Distributive Education.** 3 hrs. Basic problems, objectives, and characteristics of DE programs as applied in their development.

456. **Principles and Techniques of Vocational Business Education.** 3 hrs. To prepare prospective business teachers to certify for additional endorsements in business education—intensive business training and vocational office training.

460. **Office Management.** 3 hrs. Principles of management; office organization and supervision; layout, supplies, machines, personnel, forms, reports, and services.

472. **Executive Secretarial Shorthand.**** 3 hrs. Final emphasis on speed and transcription of mailable copy; focus on vocabulary in specialized fields. Laboratory included.

475. **Legal Secretaryship.** 3 hrs. Prerequisites: BED 305 and 310 or equivalent. A course stressing the professional aspects of legal secretarial practices and procedures.

476. **Medical Office Procedures and Records Management.** 3 hrs. Prerequisite: BED 102. Emphasis on the professional aspects of the work of a medical secretary. Laboratory included.

477. **Medical Transcription.** 3 hrs. Prerequisite: BED 102. Emphasis on medical terminology, records, forms, and letters, with limited transcription.

478. **Advanced Medical Transcription.** 3 hrs. Prerequisite: BED 477. Emphasis on additional medical terminology, with increased emphasis on transcription.

479. **Review for the Certified Professional Secretary Examination.** 3 hrs. Prerequisites: Typewriting and shorthand skills. A course to prepare persons for the Certified Professional Secretary Examination. Not to be counted toward any degree at the University of Southern Mississippi.

480. **Research and Report Writing.** 3 hrs. Concepts and methods of business research and style; problems in researching and reporting business data in written form.

485. **Office Practice and Secretarial Procedures.** 3 hrs. Prerequisite: BED 310. Problems in secretarial work, along with the developing of desirable personality traits and good human relations.

490. **Court Reporting.**** Prerequisite: BED 404 with grade of C or better. Finishing speed course and courtroom practice. Speed range: 160-225 words a minute. Laboratory included.

492. **Special Problems in Business Education.** 1-3 hrs. Study approved and directed by the department chairman.

*A student with one year of typewriting in high school cannot get credit for BED 101, and a student with one year of shorthand in high school cannot get credit for BED 201. A student who has had more work than this in either or both fields should consult with the chairman of the Department of Business Education about the appropriate beginning courses for his program.

**Prerequisite for all typewriting and shorthand courses—Grade of C or better, or equivalent, in the preceding course.

CHEMISTRY (CHE—320)

100. **Introductory Chemistry.** 3 hrs. Prerequisite: High school algebra or MAT 101, either of which may be taken concurrently. A preparatory course (for CHE 101) in chemical fundamentals; does not satisfy core requirements in College of Science and Technology or Schools of Nursing and Home Economics.

101. **General Chemistry I.** 3 hrs. Prerequisites: High school chemistry or CHE 100; high school algebra or MAT 101, which may be taken concurrently. Molecular structure, stoichiometry, the mole concept, types of solutions, energy-enthalpy. (JC 1213, 1214, 1215)

101-L. **Laboratory for CHE 101.** 1 hr. A laboratory designed to accompany CHE 101. Concurrent registration in CHE 101 is required.

102. **General Chemistry II.** 3 hrs. Prerequisites: CHE 101 and MAT 101. Gases, kinetics, equilibria, thermodynamics, electrochemistry, nuclear chemistry, coordination compounds. (JC 1223, 1224, 1225)

102-L. **Laboratory for CHE 102.** 1 hr. A laboratory designed to accompany CHE 102. Concurrent registration in CHE 102 is required.

104. **Chemistry, Principles and Applications.** 3 hrs. For nonscience majors. Emphasis on the impact of chemical discovery and technology on the individual and society. This course does not satisfy core requirements in the College of Science and Technology or the Schools of Nursing and Home Economics.

104-L. **Laboratory for CHE 104.** 1 hr. Corequisite: CHE 104. The laboratory designed to accompany CHE 104.

251. **Elementary Organic Chemistry.** 4 hrs. Prerequisite: CHE 101. Corequisite: CHE 251-L. A course which includes nomenclature and reactions of aliphatic and aromatic hydrocarbons, acids, aldehydes, ketones, and amines, and stereochemistry. Designed for students majoring in health sciences.

251-L. **Laboratory for CHE 251.** 1 hr. A laboratory designed to accompany CHE 251. Concurrent registration in CHE 251 is required.

300. **Chemical Safety.** 3 hrs. Prerequisite: CHE 251 or 352 or permission of the instructor. Hazards of various commonly used chemicals. Includes 3 hours of laboratory per week.

310-L. **Laboratory for CHE 311.** A laboratory for medical technology and life science majors. Must be taken concurrently.

311. **Analytical Chemistry.** 3 hrs. Prerequisite: CHE 102. Chemical equilibrium. Gravimetric and columetric analysis. Introductory instrumental analysis.

311-L. **Laboratory for CHE 311.** 2 hrs. A laboratory designed to accompany CHE 311. Concurrent registration in CHE 311 is required.

321. **Elementary Biochemistry.** 3 hrs. Prerequisite: CHE 251. A one-semester course in biochemistry.

321-L. **Laboratory for CHE 321.** 1 hr. A laboratory designed to accompany CHE 321. Concurrent registration in CHE 321 is required.

322. **Clinical Biochemistry.** 3 hrs. Prerequisite: CHE 321. A course designed to acquaint the student with the biochemical basis for clinical diagnosis.

351. **Organic Chemistry.** 3 hrs. Prerequisite: CHE 102. Aliphatic compounds: nomenclature, reaction mechanisms, sterochemistry, and spectroscopic analysis.

351-L. **Laboratory for CHE 351.** 1 hr. A laboratory designed to accompany CHE 351. Concurrent registration in CHE 351 is required.

352. **Organic Chemistry.** 3 hrs. Prerequisite: CHE 351. Aromatic compounds, acids, acid derivatives, aldehydes, ketones, amines, phenols, and an introduction to several polyfunctional compounds (carbohydrates, aminoacids, proteins).

352-L. **Laboratory for CHE 352.** 2 hrs. A laboratory designed to accompany CHE 352. Concurrent registration in CHE 352 is required.

361. **Physical Chemistry for Pre-Medical and Biological Sciences Students.** 4 hrs. Prerequisites: MAT 103 and CHE 311. Gas laws, kinetics, equilibrium and free energy, electrochemistry, pH, buffers, and membrane phenomena.

362. **Physical Chemistry for Pre-Medical and Biological Sciences Students.** 4 hrs. Prerequisite: CHE 361. A continuation of CHE 361.

400. **Chemical Literature.** 2 hrs. Prerequisites: CHE 352 and 311. The selection and use of the reference materials of chemistry: periodicals, journals, texts, patents, and other sources of information.

401. **Glass Blowing.** 2 hrs. Simple operations of glass blowing to enable the student to make common apparatus.

402. **Chemistry of the Atmosphere.** 4 hrs. Prerequisite: CHE 311. Radiocarbon cycle, atmospheric photochemistry, weather patterns, greenhouse effect, combustion pollutants, health hazards.

403. **Industrial Chemistry.** 4 hrs. Prerequisite: Permission of the instructor. Important processes used in industry. Invited industrial representatives and plant visits keep the topics current and useful.

411. **Instrumental Analysis.** 4 hrs. Prerequisite: CHE 462. Theory and practice of instrumental methods of analysis; absorption spectroscopy, chromatography, magnetic resonance, mass spectroscopy, electro-metric methods and fundamental electronics. Includes 3 hours of laboratory per week.

421. **Biochemistry I.** 3 hrs. Prerequisite: CHE 352. Theory and practice of analytical instrumentation; absorption spectroscopy, chromatography, mass spectroscopy, and magnetic resonance. Includes 3 hours of laboratory per week.

422. **Biochemistry II.** 3 hrs. Prerequisite: CHE 421. Major metabolic pathways with emphasis on energy considerations and interrelationships of the pathways.

426. **Introduction to Biochemistry.** 3 hrs. Prerequisite: CHE 462. A one-semester survey course emphasizing the chemical principles underlying biochemistry. For chemistry majors.

427-L. **Biochemistry Laboratory I.** 1 hr. Corequisite. CHE 421 or CHE 426. An optional laboratory course to accompany CHE 421 or CHE 426.

428-L. **Advanced Biochemistry Laboratory II.** 1 hr. Prerequisite: CHE 427. Corequisite: CHE 422. A continuation of CHE 427-L.

431. **Inorganic Chemistry.** 4 hrs. Prerequisite: CHE 462. Models, concepts, bonding and periodic trends in inorganic chemistry. Includes 3 hours of laboratory per week.

432. **Descriptive Inorganic Chemistry.** 3 hrs. Prerequisite: CHE 431. Electronic state transitions and spectra, coordination chemistry, reaction kinetics and mechanisms, special topics.

441. **Applications of Nuclear Techniques.** 4 hrs. Prerequisite: CHE 102. Radiation detection, shielding and handling, tracer methods, radioactive decay calculations. Includes 3 hours of laboratory per week.

451. **Qualitative Organic Analysis.** 4 hrs. Prerequisite: CHE 352. The systematic identification of pure organic compounds and the analysis of mixtures. Includes 6 hours of laboratory per week.

461. **Physical Chemistry.** 3 hrs. Prerequisites: CHE 352, PHY 202 and MAT 277 or 278. Corequisite: CHE 311, Chemical thermodynamics, kinetics, surface phenomena, quantum chemistry, symmetry, spectroscopy, and molecular structure.

461-L. **Laboratory for CHE 461.** 1 hr. A laboratory designed to accompany CHE 461. Concurrent registration in CHE 461 is required.

462. **Physical Chemistry.** 3 hrs. Prerequisite: CHE 461. A continuation of CHE 461.

462-L. **Laboratory for CHE 462.** 1 hr. A laboratory designed to accompany CHE 462. Concurrent registration in CHE 462 is required.

496. **Special Projects.** 1-3 hrs. Prerequisite: CHE 462 and permission of faculty. A senior level research problem performed under the direction of a faculty adviser and terminated by a formal written report.

496-L. **Special Projects Laboratory.** 1-3 hrs.

CHILD DEVELOPMENT (CD—805)

350. **Child Development.** 3 hrs. Designed to create interest in preschool children and to foster understanding of their development and behavior patterns.

351. **Home and Preschool Relationships.** 3 hrs. Study of relationships of parents and children with emphasis on principles, procedures, and methods of working with parents in groups or individually.

352. **Behavior and Guidance of the Young Child.** 3 hrs. Prerequisite: CD 350. Developmental behavior patterns and guidance principles for preschool children.

359. **Preschool Teachers' Workshop I, II, III.** 1 hr. For teachers, administrators, and educational leaders of preschool centers with emphasis on administration, curriculum, and other appropriate subjects.

451. **Infant Development.** 3 hrs. Emphasis will be given to the development and behavior of the infant.

452. **Child Development Methods and Materials.** 3 hrs. Provisions are made to evaluate and select materials for use in developing teaching techniques and planning play activities for children.

453. **Creative Activities for the Preschool Child.** 3 hrs. A study of creative activities for preschool children with practical experiences provided.

454. **Participation Experiences in the Infant Development enter.** 3 hrs. arr. Prerequisite: CD 452. Directed participation as an assistant in the Infant Development Center for one semester.

455. **Supervised Participation.** 4 hrs. Prerequisite: CD 452. Directed participation as an assistant in the Nursery School for one semester.

459. **Symposium in Child Development.** 3 hrs. Prerequisite: Consent of instructor. A study of theories and recent research used in preschool education.

492. **Special Problems in Child Development.** 1-4 hrs. Prerequisites: CD 350 and consent of instructor.

CLOTHING AND TEXTILES (CT—810)

131. **Selection of Clothing and Textiles.** 3 hrs. Understanding and applying the fundamental principles of garment construction and recognizing quality construction in ready-to-wear apparel. (JC 1313, 1332)

221. **Fashion Modeling and Fashion Show Production.** 3 hrs. Basic principles of fashion modeling and fashion show production.

321. **Study Tour.** 1-6 hrs. Planned tour to market centers with emphasis on clothing, textiles, fashion, and interiors.

328. **Fashion Display.** 2 hrs. Prerequisite: ART 111 or ARE 207. Study of the basic elements and principles involved in display with experiences in creating and planning displays.

330. **Textiles.** 3 hrs. A study of the production properties and performances of textile fibers and yarns.

331. **Intermediate Clothing Construction.** 3 hrs. Prerequisites: CT 131 and CT 330. Application of intermediate clothing construction techniques with emphasis on the evaluation of construction and fit in ready-to-wear.

332. **Art Related to the Home and Dress.** 3 hrs. Prerequisite: ART 111 or ARE 207. Experiences in perceiving visual design elements and social psychological factors as they relate to the home and dress.

333. **Family Clothing.** 3 hrs. Prerequisite: CT 131. Interpreting and solving problems associated with clothing a family, with laboratory emphasis on advanced clothing construction and pattern alteration.

334. **Textiles II.** 3 hrs. A study of the production properties and performances of textile fabrication and finishes.

335. **Clothes and Cultures.** 3 hrs. Cultural and economic factors concurrent to the adoption and abandonment of dress from ancient times to the present.

337. **Quality Recognition of Fashion Apparel.** 3 hrs. Prerequisites: CT 131, 330. A study of selected categories of fashion merchandise in relation to variety, quality, current trend and elements of customer demand.

421. **International Fashion Study.** 2-9 hrs. Planned study of international fashion centers with emphasis on clothing, textiles, interiors and merchandising. May be repeated up to 9 hrs.

430. **Textile Product Evaluation.** 3 hrs. Prerequisites: CT 330 and 334, ECO 301, or approval of instructor. Testing textile fabrics by ASTM and AATCC methods; planning, conducting, and interpreting textile research.

431. **Tailoring.** 3 hrs. Prerequisite: CT 333 or equivalent. Principles and techniques of tailoring applied to men's and women's apparel.

432. **Textile Economics.** 3 hrs. Prerequisites: ECO 255 and CT 330. A study of the economic principles involved in the production, distribution, and consumption of textile products.

433. **Flat Pattern Design.** 3 hrs. Application of flat pattern design techniques to the creation of dress designs.

434. **History of Decorative Textiles.** 3 hrs. Historical and methodological study of applied and structural textile design.

435. **Fashion Fundamentals I.** hrs. Prerequisites: MKT 342; CT 337. Understanding the basic principles and techniques of merchandising as related to the apparel industry. Emphasis is placed on understanding and applying merchandising mathematics.

436. **Fashion Fundamentals II.** 3 hrs. Prerequisite: CT 435. Understanding the workings and mechanics of the apparel industry and its relationship with the production and distribution of fashion.

437. **Apparel Design.** 3 hrs. Prerequisites: ART 111 or ARE 207; CT 330, 335. Fashion from the designer's viewpoint; terminology, methods, and influences. Experiences in designing.

439. **Retail Management Internship I and II.** 2-4 hrs. Prerequisites: CT 436, 437; MKT 300, 330, 342. Clothing Merchandising majors who qualify are required to take Part I and II of the Internship (4 hours). Application must be made to the department chairman the second semester of the junior year. If application is denied, extra hours must be taken based on advisers recommendation in lieu of the internship experience. Understanding the operation and management of retail activities through a training-work program in a cooperating department store. Approval must be obtained from internship coordinator.

478. **Seminar in Clothing and Textiles.** 1-6 hrs. Designed to examine pertinent issues and current trends in textiles and clothing.

492. **Special Problems.** 1-6 hrs. A directed individual study planned and approved by the chairman of the department.

COMPUTER SCIENCE (CSS—330)

100. **Introduction to Computing.** 3 hrs. Computer concepts, forms of I/O, system design and analysis, recording data, and programming languages. (JC 1113)

211. **Statistical Methods I.** 3 hrs. Prerequisite: Permission of instructor. Sampling and sampling distributions: normal and binomial, measures of central tendency and dispersion. (JC-BAD-2323)

212. **Statistical Methods II.** 3 hrs. Prerequisite: CSS 211. Hypothesis testing, correlation, regression analysis, analysis of variance and covariance.

240. **Introduction to FORTRAN Programming.** 3 hrs. Techniques of programming using the FORTRAN language. (JC 1123, 2323)

320. **Introduction to Linear Programming Techniques.** 3 hrs. Prerequisite: MAT 103. Vectors and Euclidean spaces, linear transformations, convex sets and hyperplanes, theory of simplex method, the transportation problem.

323. **Applied Techniques in Statistics and Engineering.** 3 hrs. Prerequisite: MAT 277 or 278. Linear discrete time, signals, and system analysis; analysis of system response using convolution-summation and z-transform techniques.

324. **Applied Techniques in Statistics and Engineering.** 3 hrs. Prerequisite: MAT 377 and CSS 323. System transfer functions, system response analysis, digital filter design, state-space system representation.

340. **Advanced FORTRAN Programming.** 3 hrs. Prerequisite: CSS 240 or equivalent. Advanced FORTRAN concepts, algorithmic procedures, and data structures.

341. **Digital Computer Programming.** 3 hrs. Prerequisite: CSS 340. Assembler language coding: registers, instruction formats, decimal and floating point arithmetic, I/O coding, system capabilities, program states.

342. **Introduction to COBOL Programming.** 3 hrs. Prerequisite: CSS 340. Programming of problems using the COBOL language.

350. **Data Structures.** 3 hrs. Prerequisite: CSS 340. Data structures and algorithms for their manipulation. Lists and arrays; stacks, queues, deques; tree structures; elementary sorting and searching routines.

370. **Hardware Systems I.** 3 hrs. Design, analysis and implementation of digital logic systems with emphasis on breadboarding.

370-L **Hardware Systems Laboratory.** 1 hr.

371. **Hardware Systems II.** 3 hrs. Prerequisite: CSS 370. A continuation of CSS 370.

400. **Computing for Secondary/Junior College Teachers.** 3 hrs. State of the art study in utilizing the computer as a tool in the classroom. Development of courseware using TRS-80 microcomputers. Cannot count toward a degree.

415. **Methods of Mathematical Statistics I.** 3 hrs. Prerequisite: Permission of instructor. Hypothesis testing, power of tests, analysis of variance, orthogonal contrasts, fixed, random and mixed models.

416. **Methods of Mathematical Statistics II.** 3 hrs. Prerequisite: CSS 415. Simple and multiple linear regression, polynomial regression, multi-way analysis of variance, randomized blocks and nested factorials.

417. **Experimental Design.** 3 hrs. Prerequisite: CSS 416. Factorials, randomized blocks, Latin squares and split-plot, fractional factorials and confounding, response surface models.

418. **Sampling Methods.** 3 hrs. Prerequisite: CSS 415. The planning, execution, and evaluation of sample surveys. Simple random sampling, stratified random sampling, cluster sampling.

420. **Numerical Analysis I.** 3 hrs. Prerequisites: MAT 278 and CSS 240. Numerical solution to transcendental equations, systems of linear and non-linear equations. Milne's method, Runge-Kutta method.

421. **Numerical Analysis II.** 3 hrs. Prerequisites: MAT 377 and CSS 240. Modeling of continous and discrete systems, approximation to computer based functions. Pade' approximation.

422. **Operations Research.** 3 hrs. Prerequisite: CSS 320. PERT-CPM, dynamic and quadratic programming, parametric and integer linear programming, penalty functions.

423. **Digital Signal Processing I.** 3 hrs. Prerequisite: CSS 323. Theory, design and implementation of digital signal processing structures.

424. **Digital Signal Processing II.** 3 hrs. Prerequisite: CSS 423. Design and implementation of digital image processing techniques. Image enhancements and pattern recognition.

425. **Computer Graphics Design.** 3 hrs. Prerequisites: CSS 100, 340, and MAT 276. Theory, design and use of computer graphic systems.

426. **Computer Aided Design.** 3 hrs. Prerequisite: CSS 425. Design of man-machine interaction.

435. **Simulation and Modeling.** 3 hrs. Prerequisite: CSS 240. Constructing models of discrete stochastic systems, systems dynamics. Use of the NDTRAN simulation package.

436. **Advanced Simulation and Modeling.** 3 hrs. Prerequisite: CSS 435. Advanced model design. Simulation of complex stochastic systems. Extended use of GPSS simulation packages.

441. **Programming Languages.** 5 hrs. Prerequisites: CSS 340 and 350. A survey of programming languages such as ALGOL, APL, PASCAL, PL/I, and SNOBOL.

442. **Business Computer Systems.** 3 hrs. Prerequisite: CSS 342. Methods of system analysis, data acquisition, file structures, terminal selection, use of flowcharts and decision tables.

450. **Systems Programming.** 4 hrs. Prerequisite: Permission of instructor. Research projects in systems problems. Research will involve current software or hardware topics.

451. **Systems Programming.** 4 hrs. Prerequisite: Permission of instructor. A continuation of CSS 450.

460. **Computer Software I.** 3 hrs. Prerequisites: CSS 341, 350 and 441. Data structures and assemblers.

461. **Computer Software II.** 3 hrs. Prerequisite: CSS 460. An in-depth study of compilers and compiler writing techniques.

462. **Computer Software III.** 3 hrs. Prerequisite: CSS 341. An in-depth study of operating systems (batch, time-sharing and real time systems).

470. **Digital Systems I.** 3 hrs. Corequisite: CSS 370, 370-L. Analysis and synthesis of combinational, synchronous sequential, and asynchronous sequential circuits.

470-L. **Digital Systems I Laboratory.** 1 hr. Corequisite: CSS 470.

471. **Digital Systems II.** 3 hrs. Prerequisite: CSS 470. Architectural organization of digital systems, microprogramming.

471-L. **Digital Systems II Laboratory.** 1 hr. Corequisite: CSS 471.

476. **Continuous Systems Modeling and Simulation.** 3 hrs. Prerequisite: MAT 385 or CSS 323. Modeling and simulation of physical systems using analog and digital techniques.

477. **Process Control Systems.** 3 hrs. Prerequisite: CSS 471. Fundamentals of direct digital control systems, real-time data handling.

478. **Digital Control System.** 3 hrs. Prerequisites: CSS 341 and 370. Design of systems incorporating a computer as an on-line element. Design of control algorithms and optimal control techniques.

478-L. **Digital Control Laboratory.** 1 hr. Corequisite: CSS 478.

480. **Data Base Management Systems.** 5 hrs. Prerequisites: CSS 342 and 350. Design and implementation of DBMS. Detailed study of hierarchical, network (CODASYL-DBTG), inverted and relational structures.

490. **Computer Science Seminar.** 1-3 hrs. arr. Presentation of technical topics in the field.

492. **Computer Science Problems I.** 3 hrs. Prerequisite: Senior standing. Solution of problems germane to a select area of study.

493. **Computer Science Problems II.** 3 hrs. Solution of problems germane to a select area of study.

CONSTRUCTION (BCT—393)

101. **Construction Practices I.** 2 hrs. Basic construction techniques, tools and equipment, and job planning analysis used in residential projects.

205. **Surveying.** 3 hrs. Prerequisite: MAT 103. Theory and practice in use of instruments for measuring distances, angles, etc., as applied in architecture and construction.

235. **Building Systems I.** 3 hrs. Prerequisites: ACT 132, ACT 204. Residential building systems design and planning, with emphasis on materials integration, methods of construction and constructional detailing.

307. **Construction Equipment.** 2 hrs. Prerequisite: GLY 101. Construction equipment selection and utilization for commercial and heavy-highway construction.

336. **Building Systems II.** 3 hrs. Prerequisite: BCT 235. Commercial building systems design and planning with emphasis on materials integration, methods of construction and building codes.

358. **Construction Planning and Scheduling.** 3 hrs. Prerequisite: BCT 336. Critical Path Method (CPM) as a project planning, scheduling, and monitoring technique.

374. **Construction Organization.** 3 hrs. Prerequisite: BCT 336. Analysis of contracting functions and management concepts.

375. **Construction Safety.** 2 hrs. Development and management of accident prevention programs in construction.

392. **Special Problems.** 1-3 hrs. arr. Prerequisites: Junior standing and approval of faculty adviser.

400. **Senior Project.** 3 hrs. Prerequisites: Senior standing and approval of faculty adviser.

401. **Senior Project.** 3 hrs. Prerequisites: Senior standing and approval of faculty adviser.

444. **Concrete and Formwork Design.** 3 hrs. Prerequisite: ACT 343. Design of reinforced concrete structural members and systems. Concrete formwork design and cost analysis.

445. **Soils and Foundations.** 3 hrs. Prerequisites: ACT 343, GLY 101. Theory and application of soil mechanics to foundation design and construction.

445-L. **Laboratory.** 0 hrs.

454. **Estimating I.** 3 hrs. Prerequisites: ACT 315 and 316. Material quantity survey techniques used in estimating costs of construction projects.

455. **Estimating II.** 3 hrs. Prerequisite: BCT 454. Determination of construction cost, bidding procedures, and analysis of job cost data.

476. **Construction Labor.** 3 hrs. Prerequisite: BCT 374. A study of construction labor resources, labor history, and governmental labor regulations.

477. **Construction Project Management.** 3 hrs. Prerequisites: BCT 358, BCT 476. Duties and responsiblities of a construction manager. Services provided by CM firms.

492. **Special Problems.** 1-3 hrs. Prerequisites: Senior standing and approval of faculty adviser.

COOPERATIVE EDUCATION (CED—099)

+ 100. **Cooperative Education Work Term.** 0 hr.

COUNSELING PSYCHOLOGY AND COUNSELOR EDUCATION (CPY—140)

100. **Orientation.** 1 hr.

101. **Foundations of Personal Development.** 3 hrs. An introduction to the principles of human development. Open to freshman and transfers only.

210. **Introduction to Social and Rehabilitation Services.** 3 hrs. An orientation via a review of relevant history, legal mandates, philosophy, objectives, and applied services.

311. **Assessment and Evaluation in Social and Rehabilitation Services.** 3 hrs. Introduction to basic assessment and evaluation techniques and application of these in rehabilitation settings.

312. **Counseling Theory and Practice.** 3 hrs. Emphasizes theories and principles undergirding the practical application of various helping techniques. Offered only with CPY 361.

313. **Vocational Development and Placement.** 3 hrs. An introduction to the study of vocational development, occupational structure, and placement processes.

361. **Social and Rehabilitation Services Laboratory.** 3 hrs. Application of interview and group techniques through personal interaction experiences. Offered only with CPY 312.

423. **Group Procedures.** 3 hrs. Introduction to the fundamentals of developmental group work, with emphasis on individual behaviors in a group setting.

430. **Principles and Processes of Case Management.** 3 hrs. This course focuses on the coordination of specific functional tasks associated with rehabilitation services.

431. **Medical Aspects of Rehabilitation.** 3 hrs. An introduction to the chronically disabling conditions both from the viewpoint of treatment processes and individual adjustment.

432. **Introduction to Community Resources.** 3 hrs. A study of the nature and development of agency resources within the community.

433. **Workshop in Counseling Procedures.** 3 hrs. A workshop to familiarize counselor personnel with new and innovative procedures in facilitating client development.

434. **Guidance of the Exceptional Child.** 3 hrs. A course to acquaint counselors and teachers with special considerations involved in providing guidance and child development services for exceptional children.

435. **Alcoholism and Drug Abuse Intervention.** 3 hrs. Intervention strategies in working with drug abusers with emphasis on the alcoholic.

462-463. **Social and Rehabilitation Services Field Practicum I, II.** 6 hrs. To be taken as an individual field practicum within an agency or facility.

492. **Special Problems.** 1-3 hrs.

497. **Interdisciplinary Seminar in Developmental Disabilities.** 3 hrs.

498. **British Studies: The Family.** 3-6 hrs.

499. **British Studies: Alcohol/Drug Abuse.** 3-6 hrs.

CRIMINAL JUSTICE (CJ—281)

200. **Introduction to Criminal Justice.** 3 hrs. An introduction to criminal law, criminological thought, and the operation of the criminal justice system. (JC-SOC-1313)

325. **Criminal Justice Theory.** 3 hrs. A survey of major American and European theories of criminal justice.

330. **Criminal Law.** 3 hrs. A survey of applied substantive criminal law with emphasis on the most common criminal offenses.

331. **Criminal Court Practice.** 3 hrs. An indepth study of the criminal case within the several courts of the state and federal systems.

332. **Traffic Law.** 3 hrs. An analysis of prevailing traffic law and methods of enforcement.

340. **The Development of Modern Police Systems.** 3 hrs. A survey of the philosophical and administrative development of policing in Great Britain and the United States.

341. **Police Methods and Organization.** 3 hrs. A survey of the organization and administration of the American police.

342. **Criminal Investigation.** 3 hrs. Prerequisite: CJ 330. An overview of the crime solving process with emphasis on methodology, corpus delecti, and evidence.

351. **The Development of Modern Penal Systems.** 3 hrs. A survey of the philosophical and administrative development of modern penology in Europe and the United States.

352. **Introduction to Modern Corrections.** 3 hrs. An overview of major correctional systems and methods of treatment of offenders.

353. **Law of Criminal Corrections.** 3 hrs. A survey of the newly emerging rights of detained and incarcerated individuals.

360. **Introduction to Juvenile Justice.** 3 hrs. A survey of the common law roots of juvenile law, the unfolding of case law in American history, and the development of the juvenile court and juvenile corrections.

361. **Delinquency Prevention.** 3 hrs. An indepth study of contemporary theory and methodology on delinquency prevention.

370. **Crime Prevention.** 3 hrs. A survey of methods of protecting life and property in the community and in industry.

400. **Criminal Justice Practicum.** 3, 6, or 9 hrs. Prerequisites: Major in Criminal Justice with junior or senior standing and with permission of the chairman. Field work offering research and practice in a criminal justice agency.

425. **Major Criminal Justice Theorsits.** 3 hrs. An analysis of the great thinkers on criminal justice from Aristotle to the present.

426. **Comparative Criminal Justice Systems.** 3 hrs. A study of foreign criminal justice systems emphasizing possible reforms for the American system.

430. **Criminal Procedure.** 3 hrs. A study of the procedural rules for the judicial enforcement of substantive criminal law.

433. **Evidence, Search, and Seizure.** 3 hrs. An examination of the laws of evidence and the procedures for obtaining it with special emphasis on application in criminal court.

450. **Administration of Criminal Corrections.** 3 hrs. Prerequisite: CJ 352. An indepth study of the administrative process in the correctional system.

451. **Probation, Parole, and Community Corrections.** 3 hrs. An examination of probation and parole systems and other alternatives to incarceration.

452. **Group Techniques in Corrections.** 3 hrs. An indepth examination of the application of group therapy to criminal offenders.

460. **Juvenile Justice.** 3 hrs. A study of the law concerning investigation of juvenile offenders, disposition of offenders, and juvenile courts.

461. **Juvenile Corrections.** 3 hrs. An indepth study of the various treatment modalities currently employed.

462. **Comparative Juvenile Justice.** 3 hrs. Prerequisites: CJ 360 or 460 or approval of professor. An intensive study of a limited number of topics in the juvenile justice systems of Europe offered through the Department's Overseas Studies Program.

463. **Family Law.** 3 hrs. A study of common law and statutory concepts of family relationships emphasizing legal remedies to crime in the family.

470. **Political Economy of Criminal Justice.** 3 hrs. An analysis of political and economic factors influencing the criminal justice system.

471. **Victims of Crime.** 3 hrs. An indepth study of criminal victimization concerntrating on the victims of specific crimes and remedies for victimization.

480. **Seminar in Criminal Justice.** 3 hrs. An interdisciplinary seminar covering significant problem areas in the criminal justice system. Repeatable as topics vary.

492. **Special Problems.** 1-3 hrs. Prerequisites: Major in criminal justice with senior standing and permission by the chairman. Supervised research in a specific field.

498. **British Studies: Comparative Criminal Jurisprudence.** 3-6 hrs. A comparative study abroad of criminal law, courts, and procedures.

499. **British Studies: Comparative Drug Law.** 3-6 hrs. A comparative study of the instructional responses to drug abuse and drug related criminal offenses.

CURRICULUM AND INSTRUCTION

ELEMENTARY EDUCATION (CIE—115)

099. **Developmental Reading.** Required of all entering freshmen with an ACT English score of less than 12. Does not satisfy any University core or degree requirements.

100. **Developmental Processes in Elementary Mathematics.** 1-5 hrs. A review of the fundamentals of elementary arithmetic, algebra, and geometry for preservice elementary teachers with weak mathematical backgrounds. This course cannot be used for degree requirements.

102. **Improvement of Study.** 1 hr. An analysis of effective study techniques. Useful for college students who wish to improve their own reading and study habits. May be taken three times for credit.

300. **Introduction to Elementary Education.** 3 hrs. An introduction course to include field experiences.

301. **Methods and Materials in Elementary School Arithmetic.** 3 hrs. Prerequisites: Show competence on the mathematics placement test or complete CIE 100; complete MAT 210. A course which utilizes modern strategies of psychology and methodology in elementary school mathematics on exploratory, structural, and mastery levels of learning.

305. **Social Studies in the Elementary Grades.** 3 hrs. Emphasis is on the social science interdisciplinary approach for content and methodology, problem solving, unit teaching, and thinking.

306. **Language Arts in the Elementary School.** 3 hrs. Emphasizes the methods and materials for teaching handwriting, creative writing, listening, speaking, and grammar in grades 1 through 8.

309. **Developing Skills in Reading.** 3 hrs. Develops performances required in instructional and recreational reading; and materials used to teach these skills in grades 1 through 8.

317. **Methods and Materials in Children's Literature.** 3 hrs. An introduction to children's primary literature, in all forms, and a study of ways in which it is integrated into the curriculum for enrichment.

318. **Literature for the Middle School.** 3 hrs. A study of literature appropriate for use in grades 4 through 8 stressing effective use of literature in the school program.

343. **Methods and Materials in Elementary Education.** 3 hrs. A general methods course which examines materials and methods of teaching pupils in grades four through eight.

403. **Kindergarten—Primary Education.** 3 hrs. Prerequisite: CIE 407. A practicum designed to give teaching experiences in understanding the social, emotional, physical and cognitive growth and development of children.

407. **Strategies for Teaching Reading in the Elementary School.** 3 hrs. Prerequisites: CIE 306, and 309. A survey of the methods and approaches used to teach reading in the elementary school.

412. **Diagnosis and Remediation of Reading Disability for the Classroom Teacher.** 4 hrs. Prerequisite: CIE 407. Provides relevant practicum experiences in evaluation and gives extended opportunities in child tutoring appropriate to grades 2-8.

422. **Curriculum Development for Career Education.** 3 hrs. Introduction to principles of curriculum adaptation for school-based programs of career education.

425. **Methods and Materials in Early Childhood Education.** 3 hrs. A general methods course which examines materials and methods of teaching children in kindergarten through grade 3.

427. **Evaluation in Early Childhood Education.** 3 hrs. Emphasis is placed on evaluative techniques and principles relative to the physical, intellectual, emotional, and social development of young children.

+ 480. **Student Teaching in Lower Elementary.** 3-9 hrs. Prerequisites: REF 400, CIE 300, 301, 305, 306, 309, 407, 425; EPY 370, 374; SCE 432. Students who student teach in kindergarten through grade 3 will register for this course.

+ 482. **Student Teaching in Upper Elementary.** 3-9 hrs. Prerequisites: REF 400, CIE 300, 301, 305, 306, 309, 343, 407; EPY 370, 374; SCE 432. Students who student teach in grades 4 through 8 will register for this course.

489. **Seminar in Elementary Student Teaching.** 6 hrs. Prerequisite: Permission of the Director of Student Teaching. Designed to meet the student teaching requirement for noncertified experienced teachers. This course deals with classroom management, programs of instruction, and student role in the educational environment.

490. **Workshop in Aviation Education.** 3 hrs. Designed to familiarize teachers and administrators with the role that aviation and space exploration play in developing the school curriculum. May be taken twice for a total of six hours.

491. **The Reading Conference.** 1 hr. An intensive three-day summer program consisting of lectures, group discussion, and demonstration lessons. May be taken three times.

492. **Special Problems.** 1-9 hrs. Prerequisite: Permission of the department chairman. Provides the opportunity to pursue a special topic or area of interest.

493. **Internship in the Elementary School.** 1-9 hrs. Prerequisite: Permission of the department chairman. Reserved for those students who are enrolled in the internship program.

494. **Workshop in Learning Resources in Early Childhood Education.** 3 hrs. Student will become acquainted with learning sources, selection, use, and production multimedia materials.

496. **Projects in Elementary Education I, II, III.** 3 hrs. Designed for school systems planning local projects of curriculum revision and course of study construction.

497. **Interdisciplinary Seminar in Developmental Disabilities.** 3 hrs.

SECONDARY EDUCATION (CIS—120)

301. **Practicum in Secondary Education.** 1 hr. A course designed to relate the study of theory to practical experience in a public school setting. May be repeated twice.

302. **Strategies in Reading Grades 5-12.** 3 hrs. The course will focus on the basic teaching strategies for junior and senior high school reading programs. This course is for recertification only and cannot be counted toward any degree program. The course is offered through ETV.

310. **Junior-Senior High School Reading Methods.** 3 hrs. A course designed to familiarize secondary teachers with reading skills, methods, and materials. Emphasis is placed on content skills in subject matter areas.

313. **Principles of Teaching High School** 3 hrs. This general methods course emphasizes the goals of secondary education, motivation and direction of learning, and school organization.

422. **Curriculum Development for Career Education.** 3 hrs. Introduction to principles of curriculum adaptation for school-based programs of career education.

451. **Methods in Business Education.** 3 hrs. A study of business education trends and aims, teaching procedures, tests and measurements, special helps, and teaching materials.

452. **Methods in Art.** 3 hrs. Stresses the aims, objectives, and methods of art education in the elementary and secondary schools.

453. **Methods in Industrial Arts.** 3 hrs. A course pertaining to the methods and materials in the teaching of industrial arts.

454. **Methods in English—Secondary.** 3 hrs. A course concerning methods of teaching English in the junior and senior high schools.

455. **Methods in Foreign Languages.** 3 hrs. A course in methods of teaching French, Spanish, and German in the secondary schools.

456. **Methods in Teaching Science—Secondary.** 3 hrs. A course designed to familiarize teachers with current trends, methods, and techniques of teaching science to secondary school students.

457. **Methods in Mathematics—Secondary.** 3 hrs. A course designed to give the student a knowledge of the objectives, curriculum problems, and organization and methods of teaching secondary school mathematics.

458. **Methods in Social Studies—Secondary.** 3 hrs. A study of the principal methods of teaching, application of psychological principles to teaching, and methods of selecting content and materials.

459. **Methods in Speech Communication.** 3 hrs. A general orientation to the teaching of speech communication, followed by individualized unit work in the special fields of speech communication.

462. **Methods and Principles in Health, Physical Education, and Recreation.** 3 hrs. Emphasizes materials and techniques of teaching health, physical education, and recreation in grades 1-12 of public schools.

465. **Methods in Journalism.** 3 hrs. A course designed to prepare the student for the teaching of journalism on the secondary school level.

470. **Curriculum of the Secondary Schools.** 2 hrs. A course which examines the present day structure and nature of the secondary school curriculum.

472. **Student Activities in Secondary Schools.** 1 hr. Consideration is given to the general nature, activities, and organization of the student extra-curricular program.

\+ 480. **Student Teaching in Vocational Education.** 3-9 hrs.

\+ 481. **Student Teaching in Business Education.** 3-9 hrs.

\+ 482. **Student Teaching in Art Education.** 3-12 hrs.

\+ 483. **Student Teaching in Industrial Arts.** 3-9 hrs.

\+ 484. **Student Teaching in English.** 3-9 hrs.

\+ 485. **Student Teaching in Foreign Languages.** 3-9 hrs.

\+ 486. **Student Teaching in Sciences.** 3-9 hrs.

\+ 487. **Student Teaching in Mathematics.** 3-9 hrs.

+ 488. **Student Teaching in Social Studies.** 3-9 hrs.

+ 489. **Student Teaching in Speech.** 3-9 hrs.

+ 491. **Student Teaching in High School Health and Physical Education.** 3-12 hrs.

+ 492. **Student Teaching in High School Library Science.** 3-9 hrs.

+ 493. **Student Teaching in Music Education.** 3-12 hrs.

+ 494. **Student Teaching in Journalism.** 3-9 hrs.

495. **Seminar in Secondary Student Teaching.** 6 hrs. Prerequisite: Permission of Director of Student Teaching. Designed to meet the student teaching requirements for non-certified experienced teachers. This course deals with classroom management, programs of instruction, and student role in the educational environment.

+ 496. **Internship in Secondary Education.** 9 hrs. Prerequisite: Permission of the Director of Interns. Reserved for those students who are enrolled in the internship program.

497. **Interdisciplinary Seminar in Developmental Disabilities.** 3 hrs.

DANCE (DAN—687)

105. **Beginning Tap.** 2 hrs. Developing an understanding and practice of movement skills basic to tap dance of America. May be substituted for one hour of the General Core Physical Education requirement. May be repeated twice for a total of six hours.

106. **Beginning Jazz.** 2 hrs. The study and application of the basic skills of jazz dance. May be substituted for one hour of the General Core Physical Education requirement. May be repeated twice for a total of six hours.

107. **Introduction to Dance.** 3 hrs. The discussion of dance as a world-wide phenomenon in human behavior, its function in human society, with emphasis on the role of dance in present-day America.

150. **Beginning Modern Dance.** 2 hrs. Discussion and practice of movement patterns, improvisation, and studies in modern dance for the non-major. May be substituted for one hour of the General Core Physical Education requirement. May be repeated twice for a total of six hours.

152. **Modern Dance Techniques and Composition.** 3 hrs. Discussion and practice of movement skills and studies in modern dance for the major. May be repeated for a total of six hours.

250. **Beginning Ballet.** 2 hrs. Discussion and practice of movements in ballet for the non-major. May be substituted for one hour of the General Core Physical Education requirement. May be repeated twice for a total of six hours.

252. **Ballet Technique.** 3 hrs. Discussion and practice of ballet skills for the dance major. May be repeated for a total of six hours.

253. **Dance Improvisation.** 2 hrs.

254. **Music Analysis and Accompaniment for Dance.** 2 hrs.

258. **Modern Dance Technique and Survey.** 3 hrs. May be repeated for a total of six hours.

259. **Intermediate Dance Composition.** 3 hrs. Exploration of the elements of dance applied to dance choreography.

350. **Tap Dance for the Dance Major.** 2 hrs. Study of the various styles of tap including rhythm, jazz, and ballet forms. May be repeated twice for a total of six hours.

352. **Ballet Technique.** 3 hrs. Continuation and further enrichment of the technique of ballet at the intermediate level for the dance major. May be repeated for a total of six hours.

353. **Character Dance.** 2 hrs. Introduction to the study of European dance forms as used for theatrical presentations.

354. **Dance Production.** 1 hr. Developing an awareness and application of behind the stage skills in costume, lights, scenery, and theatre plant. May be repeated up to five times.

358. **Dance Technique and Theory.** 3 hrs. May be repeated for a total of six hours.

359. **Advanced Dance Composition.** 3 hrs.

362. **Movement Notation.** 2 hrs. Introduction to Sutton Movement Shorthand. Beginning reading and writing. First of a two semester sequence of instruction.

363. **Movement Notation.** 2 hrs. Continuation of THE 362.

440. **Ballet Technique.** 3 hrs. Continuation and further enrichment of the technique of ballet for the dance major. May be repeated for a total of six hours.

453. **Jazz Dance for the Dance Major.** 2 hrs. The study and application of the principles of jazz movement. May be repeated twice for a total of six hours.

455. **Dance Repertory.** 1 hr. May be repeated for a total of six hours.

458. **Dance Technique and Analysis.** 3 hrs. May be repeated for a total of nine hours.

462. **Dance History I.** 3 hrs.

463. **Dance History II.** 3 hrs.

464. **Methods of Teaching Dance.** 3 hrs. A study of the philosophy, principles, and objectives of teaching dance. Includes observation and supervised teaching experiences.

465. **Music Resources for Dance.** 2 hrs. Studying and gathering of music resources for dance.

466. **Methods of Dance Lecture and Demonstration.** 3 hrs. Methods of preparing dance lecture-demonstrations and tours.

467. **Dance Curriculum and Organization Methods.** 3 hrs. Study of dance curriculum design and organization.

468. **Musical Theatre Dance.** 2 hrs.

470. **Senior Dance Production.** 3 hrs.

ECONOMICS (ECO—610)

200. **Introduction to Economics.** 3 hrs. Not to be counted toward a major or meeting the core requirements of the College of Business Administration. Credit for graduation will not be given for both ECO 200 and 255 or 256. (JC 1113, 2123)

255. **Principles of Economics I.** 3 hrs. An examination of the institutional environment of American capitalism and the determination of the level of national income, employment, prices, and growth. (JC 2113)

256. **Principles of Economics II.** 3 hrs. Prerequisite: ECO 255. An examination of the laws of production and their influence on costs and output. Also, a study of product and factor price determination under varying degrees of competition and an analysis of international trade. (JC 2123, 2113)

301. **Elementary Statistics I.** 3 hrs. Prerequisites: MAT 101 and 112. Basic concepts; central tendency and dispersion; probability; Poisson, binomial and normal distributions; testing hypotheses.

302. **Elementary Statistics II.** 3 hrs. Prerequisite: ECO 301. Decision making, classical and Bayesian; regression and correlation; index numbers and time series analysis.

310. **Economic History of the United States.** 3 hrs. A study of the economic forces that have influenced the development of the United States from its European origins to the present.

330. **Money and Public Policy.** 3 hrs. Prerequisites: ECO 255 and 256. A study of the nature and functions of money, monetary theory, and the political, social, and international context in which economic policy is formulated.

335. **Economics of the Firm.** 3 hrs. Prerequisites: ECO 255 and 256. An intermediate study of the application of economic theory to managerial decision-making.

340. **Price Theory.** 3 hrs. Prerequisites: ECO 255 and 256. An intermediate study of the determination of prices in factor and final product markets.

345. **Income Theory.** 3 hrs. Prerequisites: ECO 255 and 256. An intermediate study of the determination of income and employment.

401. **Public Finance.** 3 hrs. Prerequisites: ECO 255 and 256. A study of federal and state spending and fund raising policies within the context of the social goals of the society.

402. **Public Policy Analysis.** 3 hrs. Prerequisites: ECO 255, 256, and 301. A study of the principles and tools of policy analysis in the public sector.

413. **The Economy of Latin America.** 3 hrs. Prerequisites: ECO 255 and 256. Analysis of crucial Latin America economic issues: population, agriculture, industry, and trade.

424. **Economics of Urban Areas.** 3 hrs. Prerequisites: ECO 255 and 256. A study of current problems of the cities—race, poverty, pollution, unemployment, crime, and government finance.

435. **International Trade Theory** 3 hrs. Prerequisites: ECO 255 and 256. A study of the historical development of international trade theory, the importance of international trade, and the mechanism of international payments.

440. **Economic Development.** 3 hrs. Prerequisites: ECO 255 and 256. Emphasis on the economic tools for analyzing economic development with particular attention to regional growth and change.

465. **Economics of Labor.** 3 hrs. Prerequisites: ECO 255 and 256. A study of the labor market with special reference to the institutional setting, wage determination, and employment problems in an industrial economy.

470. **Comparative Economic Systems.** 3 hrs. Prerequisites: ECO 255 and 256. A course designed to acquaint the student with the origins, development, and characteristics of fascism, socialism, and capitalism.

480. **Environmental Economics.** 3 hrs. Prerequisites: ECO 255 and 256. A survey of economic concepts relevant to decision making with reference to the management of natural resources heretofore considered to be "free" in nature.

492. **Contemporary Economic Problems I.** 3 hrs. Prerequisites: ECO 255 and 256. Application of the tools of microeconomics to examine problems such as energy, pollution, income distribution, and market structure.

494. **Contemporary Economic Problems II.** 3 hrs. Prerequisites: ECO 255 and 256. Application of the tools of macroeconomics to examine problems such as inflation, recession, productivity, growth, and macroeconomic policy-making.

499. **Seminar in North Atlantic Economic Issues.** 3-6 hrs. Prerequisites: ECO 255, 256, and consent of instructor. A series of lectures by selected European scholars and discussion of topics pertinent to economic problems facing the North Atlantic nations. Offered through the Institute for Anglo-American Studies.

EDUCATIONAL PSYCHOLOGY (EPY—180)

370. **Human Growth and Development, Part I: Child.** 3 hrs. Prerequisite: PSY 110. Study of the child through the elementary school years, emphasizing principles and problems of development.

371. **Psychology of Preadolescence and Early Adolescence.** 3 hrs. The study of human growth and development during later elementary and junior high school years.

372. **Human Growth and Development Part II: Adolescent.** 3 hrs. Prerequisite: PSY 110. A course dealing with development of the individual through the adolescent years.

374. **Educational Psychology.** 3 hrs. Prerequisite: PSY 110. Application of psychological methods, facts, and principles to education.

385. **Applied Behavior Analysis.** 1-3 hrs. arr. Prerequisites: PSY 110, EPY 374, one of EPY 370, EPY 371, or EPY 372 and permission of the instructor. Application of the principles of applied behavior analysis to problems involving human behavior change in an educational context.

470. **Developmental and Educational Psychology for Teaching Interns.** 9 hrs. arr. Available to internship students only, arranged through the Office of Student Teaching.

482. **Moral Development in Childhood and Adolescence.** 3 hrs. May be taken up to nine hours with change of content. Prerequisites: PSY 110, and permission of the instructor.

ELECTRONICS TECHNOLOGY (ELT—398)

101. **Introduction to Electronics Technology I.** 1 hr. Corequisite: ELT 110 Electronic laboratory skills: soldering, breadboarding, use of instruments, kit construction.

102. **Introduction to Electronics Technology II.** 1 hr. Prerequisite: ELT 101. Continuation of ELT 101. Printed circuit board construction.

110. **Network Analysis I.** 3 hrs. Corequisite: MAT 101. Basic electrical concepts and relationships. Analysis of simple DC and AC circuits.

110-L. **Network Laboratory I.** 1 hr.

111. **Network Analysis II.** 3 hrs. Prerequisite: ELT 110. Use of circuit analysis theorems and techniques to solve advanced AC and DC networks.

111-L. **Network Laboratory II.** 1 hr.

210. **Electronic Devices and Circuits.** 3 hrs. Prerequisite: ELT 111. Theory and application of solid state devices: diodes, junction and field-effect transistors.

210-L. **Devices and Circuits I Laboratory.** 1 hr.

211. **Electronic Devices and Circuits II.** 3 hrs. Prerequisite: ELT 210. Multistage and large-signal amplifiers, ICs, op amps, and oscillators.

211-L. **Devices and Circuits II Laboratory.** 1 hr.

220. **Electronic Graphics.** 3 hrs. Prerequisite: ELT 102, 111. Drafting principles for orthographic projections, schematics, wiring diagrams, and symbols.

230. **Electronic Instrumentation.** 3 hrs. Theory of operation and industrial use of common electronic instruments.

240. **Introduction to Digital Electronics.** 3 hrs. Prerequisite: ELT 210. Theory and application of basic digital logic circuitry.

313. **Electronic Communications Systems.** 3 hrs. Prerequisite: ELT 210. Noise, propagation, antennas, AM, FM, pulse systems, Smith charts with applications.

313-L. **Electronic Communications Systems Laboratory.** 1 hr.

314. **Design of High-Frequency Communications Circuits.** 3 hrs. Prerequisite: ELT 211. Design of communication circuits and systems; emphasis on bipolar device circuitry.

314-L. **Hi-Frequency Communications Laboratory.** 1 hr.

332. **Logic Circuitry I.** 3 hrs. Prerequisite: ELT 240. Logic circuit design; flip-flops, gates, counters, TTL, MOS, CMOS.

332-L. **Logic Circuitry I Laboratory.** 1 hr.

333. **Logic Circuitry II.** 3 hrs. Prerequisite: ELT 332. Applications of digital logic circuitry. Theory of microprocessors.

333-L. **Logic Circuitry II Laboratory.** 1 hr.

342. **Electrical Energy Systems.** 3 hrs. Prerequisite: PHY 106. Advanced theoretical and applied methods for AC/DC motors and generators.

342-L. **Electrical Machinery Laboratory.** 1 hr. Prerequisite: Physics 106, 106L.

392. **Special Problems.** 1-3 hrs.

400. **Senior Project.** 3 hrs. arr. Prerequisite: Senior standing; approval of faculty adviser. Project should be in area of student's specialization.

401. **Senior Project.** Continuation of ELT 400.

411. **Electronics for Scientists.** 4 hrs. Prerequisite: PHY 102, 106, or 202. Practical electronics needed for maximum utilization of scientific instrumentation, automation, and logic circuits.

412. **Advanced Network Analysis.** 3 hrs. Prerequisite: MAT 237. Transfer functions; analysis of network by La Place transform methods.

412-L. **Advanced Network Analysis Laboratory.** 1 hr.

432. **Microprocessor Circuits.** 3 hrs. Prerequisite: ELT 333. Microprocessor addressing modes, types, and interfacing with I/O devices.

461. **Electric Power Generation and Distribution.** 3 hrs. Power generation and distribution, load flow, faults, grids, and layout.

470. **Introduction to Control Systems.** 3 hrs. Prerequisite: ELT 412 or permission of instructor. General control system theory and application; servomechanisms, operational amplifiers.

470-L. **Control Systems Laboratory.** 1 hr.

492. **Special Problems.** 1-3 hrs. Prerequisite: Senior standing; approval of faculty adviser. Supervised study in areas not covered by available courses.

ENGLISH (ENG—224)

099. **Developmental English.** 3 hrs. Required of all entering freshmen with an English score of less than 12 on the ACT. Does not satisfy any University core or degree requirement.

100. **Fundamentals of Composition.** 3 hrs. (May not count toward a major, minor, or core.) Stresses grammar, mechanics, usage, and other basic writing skills. Required of those students whose ACT scores in English are 12-16.

101. **Writing One.** 3 hrs. Stresses clear, effective writing with special attention to syntactical and organizational skills. (JC 1113)

102. **Writing Two.** 3 hrs. Prerequisite: English 101. Refines compositional skills and stresses additional rhetorical and research methods. (JC 1123)

200. **Introduction to Drama.** 3 hrs. Covers drama of the western world.

201. **Introduction to Fiction.** 3 hrs. Covers the various types and modes of fiction, both short stories and novels.

202. **Introduction to Poetry.** 3 hrs. Covers major English and American poetry.

203. **World Masterpieces I.** 3 hrs. Acquaints students with the great figures and works of Western literature.

204. **World Masterpieces II.** 3 hrs. Acquaints students with the great figures and works of Western literature.

205. **Introduction to Literature.** Covers the techniques of interpreting all the forms of literature.

221. **Fiction Writing I.** 3 hrs. Introduction to fiction writing.

222. **Poetry Writing I.** 3 hrs. Introduction to poetry writing.

300. **Vocabulary Development.** 3 hrs. (May not count toward major, but with permission of the English Department adviser may count toward the minor.) Stresses the improvement of vocabulary.

301. **Traditional Grammar.** 3 hrs. Studies traditional grammar and usage.

319. **Literary Study of the Bible.** 3 hrs. Examines the literary structure, style, and content of the English Bible.

321. **Fiction Writing II.** 3 hrs. Prerequisite: English 221. Stresses the techniques of short fiction writing.

322. **Poetry Writing II.** 3 hrs. Prerequisite: English 222. Stresses the techniques of poetry writing.

332. **Pre-Professional Writing.** 3 hrs. Writing, research, and documentation skills needed for professional papers. Prerequisites: ENG 101 and ENG 102. Junior standing recommended.

333. **Technical Writing.** 3 hrs. Prerequisite: English 101, 102 and junior standing or twelve hours in student's major field. Stresses report writing in student's major field.

334. **Introduction to Research and Term Paper Writing.** 3 hrs. Prerequisite: English 101, 102. Stresses data gathering and documentation in student's major field.

340. **Analysis of Literature.** 3 hrs. Introduces the discipline of literary criticism.

350. **Survey of British Literature I.** 3 hrs. Surveys major British literature from the Old English period to the Romantic period.

351. **Survey of British Literature II.** 3 hrs. Surveys major British literature from Romantic period to the present.

370. **Survey of American Literature I.** 3 hrs. Surveys American literature from its beginnings to the Civil War.

371. **Survey of American Literature II.** 3 hrs. Surveys American literature from the Civil War to the present.

372. **Afro-American Literature.** 3 hrs. Surveys major Black writers and their influences.

379. **Survey of Contemporary Literature.** 3 hrs. Surveys major contemporary writers and their influences. (Required for secondary or middle grade certification.)

401. **Advanced Grammar.** 3 hrs. Introduces structural and transformational grammar. (Required for secondary or middle-grade certification in English.)

402. **English Syntax.** 3 hrs. Examines English syntax and conventional forms of English grammar.

403. **Introduction to Linguistics.** 3 hrs. Introduces the principles of descriptive linguistics.

406. **History of the English Language.** 3 hrs. Surveys the development of the English language from Old English to the present. (Required for secondary or middle-grade certification in English.)

409. **Studies in Linguistics.** 3 hrs. Offers varied topics yearly. Repeatable to six hours.

410. **Readings in World Literature I.** 3 hrs. Examines various Greek, Roman, Medieval, and Renaissance writers.

411. **Readings in World Literature II.** 3 hrs. Examines various European Englightenment, Romantic, and Modern writers.

413. **The Modern Novel.** 3 hrs. Examines major British and Continental novels of the last hundred years.

417. **Modern Drama.** 23 hrs. Studies important British and Continental dramas of the twentieth century.

419. **Studies in World Literature.** 3 hrs. Studies Continental, British, and American writers of the nineteenth and the twentieth centuries. Repeatable to nine hours.

421. **Fiction Writing III.** 3 hrs. Prerequisite: English 221 and 321. Provides an opportunity to develop techniques of fiction writing. Repeatable to nine hours.

422. **Poetry Writing III.** 3 hrs. Prerequisite: English 222 and 322. Provides an opportunity to develop techniques of poetry writing. Repeatable to nine hours.

425. **Readings in the Theory of Fiction.** 3 hrs. Studies theories and forms of contemporary fiction. Repeatable to six hours.

426. **Readings in the Theory of Poetry.** 3 hrs. Studies theories and forms of contemporary poetry. Repeatable to six hours.

440. **Literary Criticism.** 3 hrs. Provides a historical approach to the study of literary criticism from the classicial period to the present. Emphasis will be on major texts and critics.

451. **Chaucer.** 3 hrs. Emphasizes a close reading of **The Canterbury Tales.**

454. **Shakespeare's Comedies and Tragicomedies.** 3 hrs. Studies a selected group of Shakespeare's drama.

455. **Shakespeare's Histories and Tragedies.** 3 hrs. Studies a selected group of Shakespeare's drama.

456. **Sixteenth-Century English Literature.** 3 hrs. Studies the more important English writers of this period.

457. **The Development of British Drama to 1642.** 3 hrs. Studies English drama from its beginnings to 1642, exclusive of Shakespeare.

458. **Seventeenth-Century Prose and Poetry.** 3 hrs. Surveys the period 1600-1660, with emphasis on the "schools" of Donne and Jonson.

459. **Milton.** 3 hrs. Studies the poetry and prose of Milton, with emphasis on the major works.

460. **British Literature, 1600-1740.** 3 hrs. Surveys British Literature from the Restoration to 1740.

462. **British Literature, 1740-1798.** 3 hrs. Surveys British Literature from 1740 to 1798.

464. **The British Novel to 1900.** 3 hrs. Studies the development of British fiction from Richardson through Hardy.

465. **Nineteenth-Century British Literature: Romantic.** 3 hrs. Surveys poetry and prose of the period 1790 to 1830.

466. **Nineteenth-Century British Literature: Victorian.** 3 hrs. Surveys poetry and prose of the period 1830 to 1900.

467. **Twentieth-Century British Literature.** 3 hrs. Studies major twentieth century British writers, emphasizing novelists and dramatists.

468. **Modern British Poetry.** 3 hrs. Surveys major British poets from Hardy to the present.

469. **Studies in British Literature.** 3 hrs. Examines various topics in British Literature. Repeatable to nine hours.

470. **The American Literary Renaissance, 1820-1870.** 3 hrs. Examines the writings of Emerson, Thoreau, Hawthorne, Melville, Whitman, and others.

471. **The Rise of Realism in American Literature, 1870-1920.** 3 hrs. Examines American Literature after the Civil War, focusing on the terms realism and naturalism.

472. **American Drama.** 3 hrs. Studies American drama from its beginnings to the present, with emphasis on the twentieth century.

477. **The American Novel 1920 to 1960.** 3 hrs. Studies techniques and historical backgrounds of the major novelists.

478. **Modern American Poetry.** 3 hrs. Surveys major American poets from Whitman to the present.

485. **Literature of the South.** 3 hrs. Emphasizes the fiction, poetry, and drama of twentieth-century Southern writers.

489. **Studies in American Literature.** 3 hrs. Studies notable movements, genres, and problems of American literature. Repeatable to nine hours.

492. **Special Problems.** 1-3 hrs. Prerequisite: Consent of instructor. Provides the opportunity to pursue a special topic or area of interest.

498. **British Studies Program.** 6 hrs. A five-week course taught in London, England. Generally offers an intensive study of topics and figures from the beginnings of English literature to 1800.

499. **British Studies Program.** 6 hrs. A five-week course taught in London, England. Generally offers an intensive study of topics and figures in English literature from 1800 to the present.

CIS 454. **Methods in English—Secondary.** 3 hrs. Presents methods of teaching language, literature, and composition in secondary schools.

ENVIRONMENTAL DESIGN (EVD—812)

140. **Environmental Design I.** 3 hrs. An introduction to the field of interior design with emphasis on processes and resources of the designer.

221. **Floral Design.** 3 hrs. Fundamentals of floral arrangement and design.

240. **Environmental Design II.** 3 hrs. Prerequisite: EVD 140. The exploration and application of design methodology to interior environments.

241. **Environmental Design III.** 3 hrs. Prerequisite: ART 102 and EVD 240; ART 111 recommended. The application of varied media and techniques in depicting interior environments.

331. **Textile Design: Fabric Surface Enrichment.** 3 hrs. Exploration of the basic methods and processes of fabric decoration—screen printing, resist, block, direct, etc.

332. **Fabric Design II.** 3 hrs. Prerequisites: EVD 140 and ART 111. Design by the weaving process.

333. **Shelter Components.** 3 hrs. Prerequisite: CT 330. A study of materials of architectural interiors and furnishings.

334. **Budget Decorating.** 3 hrs. A problems course related to decorating with limited resources.

335. **Historic Furniture and Interior Design I.** 3 hrs. A study of the patterns of historical development and change as revealed in furniture and domestic interiors from the Renaissance through twentieth century, excluding America.

336. **Historic Furniture and Interior Design II.** 3 hrs. Prerequisite: HHM 341. American furniture styles and interior design.

337. **Housing and House Furnishing.** 3 hrs. Prerequisite: Junior or senior standing. A study of the economic and sociological problems in housing and house furnishing.

338. **Interior Design Trade Techniques.** 3 hrs. Prerequisites: EVD 240, 333, CT 330. A study of information and skills required to select, write specifications, cost, and supervise the construction and/or installation of upholstery, drapery, wall and floor coverings.

340. **Residential Interiors.** 3 hrs. Prerequisite: EVD 241; HHM 339 recommendedAdvanced problems in space planning, human factors and the application of design principles.

342. **Practicum.** 3 hrs. Prerequisite: EVD 340. Study made of a specific interior design problem with the community.

440. **Commercial and Institutional Interiors.** 3 hrs. Prerequisite: EVD 241. Design problems involving large scale interiors with emphasis on commerical and institutional projects.

441. **Professional Practices and Procedures.** 3 hrs. Prerequisites: MKT 330, 342. Application of the aspects of business to the interior design profession.

442. **Interior Design Internship.** 6 hrs. Prerequisites: EVD 241, 340, 440, and 441. A practicum for the interior design student in a working-training situation with a professional interior designer.

478. **Seminar in Interior Design.** 1-3 hrs. Prerequisite: Junior or senior standing. An indepth study of special topics to meet current needs. May be repeated for a total of no more than six hours.

492. **Special Problems.** 1-6 hrs. Directed individual study.

ENVIRONMENTAL SCIENCE (ESC—335)

105. **Environmental Problems I.** 1 hr. Current calculations encountered in environmental monitoring and environmental impact estimations.

205. **Environmental Problems II.** 1 hr. Intermediate applied calculations relating to environmental monitoring, and environmental impact estimations.

301. **Man in His Environment.** 3 hrs. Physical, biological, social, political, and economic problems associated with current environmental issues.

302. **Environmental Improvement Project.** 3 hrs. Prerequisite: ESC 301. Performing an actual environmental improvement project.

330. **Principles of Environmental Health.** 3 hrs. Environmental factors relating to transmission of communicable disease, chemical, and physical hazards to man.

401. **Water Quality Analysis.** 3 hrs. Prerequisite: CHE 311, MAT 237. Sampling and testing for water quality.

401-L. **Water Quality Laboratory.** 1 hr.

402. **Air Quality Analysis.** 3 hrs. Prerequisite: ESC 401. Air pollution sampling, analysis, and modeling.

402-L. **Air Quality Laboratory.** 1 hr.

403. **Water and Wastewater Treatment.** 3 hrs. Prerequisite: ESC 401, MIC 101. Methods for producing drinking water and treating waste water.

403-L. **Water and Wastewater Treatment Laboratory.** 1 hr.

405. **Environmental Impact Statements.** 3 hrs. Preparation of environmental impact statements.

431. **Industrial Hygiene.** 3 hrs. Detection and control of harmful agents in working environments, such as vapors, gases, mists, radiation, and sound.

431-L. **Industrial Hygiene Laboratory.** 1 hr.

492. **Special Projects.** 1-3 hrs.

FINANCE (FIN—615)

301. **Financial Concepts in Industry.** 3 hrs. Designed to acquaint the undergraduate technology student with the basic principles of financial administration as applied to industry. Not open to students in the College of Business Administration.

320. **Personal Finance.** 3 hrs. A study of the financial problems people encounter in planning and managing their individual affairs.

350. **Bank Administration.** 3 hrs. Prerequisite: ECO 330. A comprehensive survey of the management of bank funds.

352. **Principles of Investments.** 3 hrs. Prerequisite: FIN 389. Introduction to security analysis and portfolio theory.

355. **Problems in Bank Administration.** 3 hrs. Prerequisite: FIN 350. Indepth analysis, mainly by the case method, of issues relating to bank problems.

389. **Business Finance.** 3 hrs. Prerequisites: ACC 202 and ECO 256. Deals with financial management issues. Emphasis is placed on basic tools and methods of the financial managers.

400. **Quantitative Analysis in Finance.** 3 hrs. Prerequisites: GBA 290 and ECO 302. Application of quantitative methods for business decision making applied to the COMPUSTAT financial data files.

462. **Security Analysis.** 3 hrs. Prerequisite: FIN 352. A research course designed to examine the international, national, industrial, and corporate effect on expected microstock prices.

472. **International Business Finance.** 3 hrs. Prerequisite: FIN 389. Concerned with the short- and long-haul and long-run financial operations and specific cash and capital management problems of multi-national business.

480. **Financial Management.** 3 hrs. Prerequisite: FIN 389. High-level analysis of internal and external financial decision-making issues.

492. **Independent Study.** 3 hrs. Special research assignment designed to meet the needs of the particular student.

499. **British Studies Seminar in North Atlantic Financial Issues.** 3-6 hrs.

FOOD AND NUTRITION (FN—815)

163. **Food Study.** 3 hrs. Study of food science principles and their application in the preparation of foods and food products. (JC 1213, 1242)

260. **Human Nutrition.** 3 hrs. The nutritional needs of the body and proper selection of foods to meet these needs.

261. **Meal Planning and Table Service.** 3 hrs. Prerequisite: FN 163. Emphasis on management of time, energy, and money in selection and purchasing of foods, meal planning, preparation, and serving. (JC 2213)

265. **Orientation to Dietetics.** 1 hr. Study of dietetics and careers in the profession.

360. **Basic Nutrition.** 2 hrs. Nutritional needs of body and proper selection of foods emphasized.

362. **Nutrition.** 3 hrs. Study of the body's need for foods, including the chemistry of digestion, metabolism, and nutritive requirements of body during life cycle.

363. **Child Nutrition.** 3 hrs. A study of nutritive requirements for young children.

364. **Teaching Food and Nutrition in the Elementary Grades.** 3 hrs. Course planned to give understanding of materials and methods for teaching nutrition at this level.

365. **Normal and Therapeutic Nutrition.** 6 hrs. Prerequisite: FN 260. Nutrition in health and disease through the life cycle.

367. **Nutrition in Health Care.** 3 hrs. Study of the science of nutrition and its application for health care providers.

430. **Experimental Foods.** 3 hrs. Prerequisite: CHE 251. Elementary research to determine factors affecting standard products.

460. **Advanced Nutrition.** 3 hrs. Prerequisite: FN 260 or 362. Study of current literature for new findings in the field of nutrition.

461. **Diet in Disease.** 3 hrs. Prerequisite: FN 460. Study of diseases influenced by diet and dietary treatment of diseases.

462. **Food Preservation.** 3 hrs. Study of methods and techniques of preserving foods and its storage. Convenience foods studies.

463. **Applied Community Nutrition.** 6 hrs. Prerequisite: FN 260. A study of community nutrition, resources, and programs.

464. **Clinical Nutrition.** 10 hrs. Prerequisites: FN 365 and 463. Clinical experiences in the area of dietetics.

465. **Seminar.** 1 hr. Readings in nutrition and diet therapy and the relation to disease.

466. **Diet Therapy and Hospital Administrative Dietetics.** 12 hrs. Prerequisites: FN 365 and 463. Study and application of principles, techniques, modification of therapeutic diets, and administrative dietetics.

492. **Special Problems in Food and Nutrition.** 1-4 hrs. Prerequisite: Senior standing and permission of the instructor.

FOOD SCIENCE TECHNOLOGY (FST—396)

101. **Introduction to Food Science.** 3 hrs. Examination of the food industry and its development. A discussion of basic food constituents, and food quality and its measurement.

310. **Food Science I.** 3 hrs. Physical, biochemical, and microbiological properties of important classes of food products as they relate to food processing.

311. **Food Science II.** 3 hrs. Materials and methods applicable to foods industries in regard to additives, packaging, sanitation, and quality control.

350. **Food Processing Technology.** 2 hrs. General characterisitcs of food materials; methods of preservation; processing objectives; packaging; and sanitation.

350-L. **Food Processing Technology Laboratory.** 2 hrs.

351. **Food Processing Technology II.** 2 hrs. Continuation of FST 350.

351-L. **Food Processing Technology II Laboratory.** 2 hrs.

405. **Food Process Engineering.** 3 hrs. Application of chemical engineering principles in food processing.

410. **Food and Drug Laws-Standards and Regulations.** 3 hrs. Federal, state, and city food and drug laws, and how they regulate the food industry.

450. **Food Analysis I.** 2 hrs. Principles and regulation of official chemical, microbiological, and physical methods used in food analysis.

450-L. **Food Analysis I Laboratory.** 2 hrs.

451. **Food Analysis II.** 2 hrs. Continuation of FST 450.

451-L. **Food Analysis II Laboratory.** 2 hrs.

489. **Seminar.** 1 hr. arr. Discussion of current topics in food science and technology.

492. **Special Problems.** 1-3 hrs.

FOREIGN LANGUAGES (FL—228)

100. **English as a Foreign Langauge.** 3 hrs.* Credit not applicable toward degree.

111. **Beginning French I.** 3 hrs. (JC 1113)

112. **Beginning French II.** 3 hrs. (JC 1123)

120. **Applied German.** 1-3 hrs. A study of aspects of German pertinent to a defined area of special interest. Does not substitute for Beginning German I or apply to a major in German.

121. **Beginning German I.** 3 hrs. (JC 1313)

122. **Beginning German II.** 3 hrs. (JC 1323)

131. **Beginning Greek I.** 3 hrs.

132. **Beginning Greek II.** 3 hrs.

141. **Beginning Italian I.** 3 hrs.

142. **Beginning Italian II.** 3 hrs.

151. **Beginning Latin I.** 3 hrs. (JC 1413)

152. **Beginning Latin II.** 3 hrs. (JC 1423)

161. **Beginning Russian I.** 3 hrs.

162. **Beginning Russian II.** 3 hrs.

171. **Beginning Spanish I.** 3 hrs. (JC 1213)

172. **Beginning Spanish II.** 3 hrs. (JC 1223)

211. **Intermediate French I.** 3 hrs. (JC 2113)

212. **Intermediate French II.** 3 hrs. (JC 2123)

221. **Intermediate German I.** 3 hrs. (JC 2313)

222. **Intermediate German II.** 3 hrs. (JC 2323)

241. **Intermediate Italian I.** 3 hrs.

242. **Intermediate Italian II.** 3 hrs.

251. **Intermediate Latin I.** 3 hrs. (JC 2413)

252. **Intermediate Latin II.** 3 hrs. (JC 2423)

261. **Intermediate Russian I.** 3 hrs.

262. **Intermediate Russian II.** 3 hrs.

271. **Intermediate Spanish I.** 3 hrs. (JC 2213)

272. **Intermediate Spanish II.** 3 hrs. (JC 2223)

*This and many other FL courses incorporate language activities during and in addition to classroom instruction. Since the proportion varies with a given course, laboratory hours are not specified.

301. **Credit for Study Abroad.** 3-9 hrs. Prerequisites: Intermediate knowledge of the language to be studied; prior arrangements for evaluation and receipt of credit. Credit will be granted for systematic study of the language and culture of the language and literature of a foreign area. Study must be under the direction of a recognized teaching institution approved in advance by the Department of Foreign Languages. The department will examine and grade the progress and achievement of the participants in this program before granting credit.

305. **Mythology.** 3 hrs. Topics may vary; to include the development of Greek and Roman, Teutonic, or Celtic mythology illustrated by examples from art and literature.

311. **French Conversation and Phonetics.** 3 hrs.

312. **French Composition and French Film.** 3 hrs. Prerequisite: FL 212. An intermediate level composition course in French, with topics based on French films.

313. **Reading French.** 3 hrs. An introduction to the study of French prose, poetry, drama; techniques of literary analysis; continued study of French language.

321. **German Conversation and Phonetics.** 3 hrs.

323. **Reading German.** 3 hrs. An introduction to reading German literature and other documents for comprehension and literary analysis.

333. **Greek Civilization and Literature in Translation.** 3 hrs.

353. **Latin Civilization and Literature in Translation.** 3 hrs.

371. **Spanish Conversation and Phonetics.** 3 hrs.

372. **Spanish Vocabulary Expansion.** 3 hrs. An elective addendum to FL 476 or FL 477. A programmed course designed to increase systematically reading speed and comprehension.

373. **Reading Spanish and Composition.** 3 hrs. Readings in the comtemporary short story, discussion of literary techniques, composition, grammar review.

400. **Introduction to Exotic Languages.** 3 hrs. May be taken for a total of six (6) hours.

401. **Advanced Credit for Study Abroad.** 3-9 hrs. arr. Prerequisites: Advanced knowledge of the language to be studied; otherwise same as FL 301. (See FL 301.)

403. **Translation.** 3 hrs.

404. **Methods of Teaching Foreign Language.** 3 hrs. May be taken for a total of six (6) hours.

406. **Foreign Language Film.** 1-3 hrs. Study of literary and linguistic aspects of foreign films in a given foreign language.

411. **Modern France.** 3 hrs. Contemporary French education, social attitudes, politics, urban and rural life.

412. **Advanced French.** 3 hrs. Advanced study of French grammar and stylistics; composition; reading and stylistic analysis.

413. **Twentieth Century Drama.** 3 hrs. Prerequisite: FL 313. A survey of twentieth-century French drama including traditional and avant-garde theatre.

414. **Survey of French Literature I.** 3 hrs. Prerequisite: FL 313. French literature from the Middle Ages through the 18th century.

415. **Survey of French Literature II.** 3 hrs. French literature from the 18th century through the mid-20th century. Prerequisite: FL 313.

416. **French Novel and Short Story.** 3 hrs. Prerequisites: FL 313. Prose fiction of the 18th, 19th, and 20th centuries, studied in conjunction with films based on the works or thematically related to them.

417. **French Drama before the 20th Century.** 3 hrs. Prerequisites: FL 313.

421. **Modern Germany.** 3 hrs. A cultural survey of the German-speaking areas in postwar Europe.

422. **Advanced German.** 3 hrs. Advanced study of German grammar and stylistics; composition; reading and stylistic analysis.

423. **Survey of German Literature I.** 3 hrs. Surveys major German literature from the Old High German period to the Age of Goethe.

424. **Survey of German Literature II.** 3 hrs. Surveys major German literature of the Age of Goethe (including the Storm and Stress period, Classicism, and early Romanticism).

425. **Survey of German Literature III.** 3 hrs. Surveys major German literature from the post-Goethe nineteenth century to the present.

426. **The German Novelle.** 3 hrs. Studies important German **Novellen** representative of the main literary currents in the nineteenth and twentieth centuries, and examines literary theories of the given genre.

427. **Modern German Drama.** 3 hrs. Studies German dramatic works representative of historically important movements and relevant human problems of the nineteenth and twentieth centuries.

431. **Advanced Greek I.** 3 hrs.

432. **Advanced Greek II.** 3 hrs.

435. **Readings in Greek Literature.** 3 hrs. May be taken for a total of nine hours if topics vary.

455. **Readings in Latin Literature.** 3 hrs. May be taken for a total of nine hours if topics vary.

471. **Hispanic Civilization.** 3 hrs. A chronological survey of Hispanic civilization and institutions.

472. **Advanced Spanish.** 3 hrs. Review of basic grammar, progressing to more sophisticated aspects; idiom study; composition.

473. **Peninsular Survey I.** 3 hrs. The literature of Spain from the Medieval period through the Golden Age.

474. **Peninsular Survey II.** 3 hrs. The literature of Spain in the nineteenth and twentieth centuries.

475. **Don Quijote.** 3 hrs. A study of the Cervantes novel, of its historical and literary background, and of the principal critical materials.

476. **The Generation of '98.** 3 hrs. A study of the works of Unamumo, Valle-Inclán, Azorín, and other members of the Generation of '98.

477. **Contemporary Latin American Literature.** 3 hrs. A survey of fiction, poetry, and drama in the twentieth century.

492. **Special Problems.** 1-3 hrs. May be taken for a total of nine (9) hours.

FORENSIC SCIENCE (FSC—375)

340. **Forensic Science I.** 3 hrs. Glass, paint, and chemicals of forensic interest.

340-L. **Forensic Science I Laboratory.** 1 hr.

341. **Forensic Science II.** 3 hrs. Blood, hair, and other biological products as physical evidence.

341-L. **Forensic Science II Laboratory.** 1 hr.

430. **Survey of Forensic Toxicology.** 3 hrs. Toxicology as applied to forensic investigations.

440. **Drug Indentification.** 3 hrs. Lectures, demonstrations and discussions covering all aspects of drug identification, emphasizing those relating to law enforcement, are presented.

442. **Arson and Explosives.** 3 hrs. Introduction to the investigation of arson and bombings.

442-L. **Arson and Explosives Laboratory.** 1 hr.

491. **Special Projects in Forensic Science.** 2 hrs. Individual studies in forensic science principles.

491-L. **Laboratory for Forensic Science 491.** 2 hrs. Hands-on experience with true forensic science situations.

FUNDAMENTALS OF SCIENCE (FS—390)

Fundamentals of Science: Two courses in general physical science and two courses in general biological science of three semester hours credit for each. These courses are designed to give the non-science major an acquaintance and understanding of certain fundamental principles of the major science disciplines.

Inasmuch as there is overlapping and duplication in these courses and those offered by other science departments of this and other institutions, the student should check carefully with his adviser and/or the Department of Science Education prior to enrolling in these courses.

104. **Physical Science I.** 3 hrs. A study of matter and energy in the universe; the forces acting within the universe; and the laws governing these phenomena. (JC 2213)

105. **Physical Science II.** 3 hrs. The study of elementary and compound substances, the arrangement of forces acting on these substances in the universe. (JC 2223)

106. **Biological Science I.** 3 hrs. Studies in the general life science with emphasis on the systems of Man. (JC 1113)

107. **Biological Science II.** 3 hrs. Studies of the diversity of life in plants and animals. (JC 1123)

131. **General Physical Science I.** 3 hrs. Prerequisites: Elementary Education major, MAT 210. Study of the interaction of matter and energy.

132. **General Physical Science II.** 3 hrs. Prerequisites: Elementary Education major, FS 131. Study of the interaction of matter and energy.

133. **General Biological Science I.** 3 hrs. Prerequisite: Elementary Education major. A study of the basic patterns of life and a modern system of classifying organisms.

134. **General Biological Science II.** 3 hrs. Prerequisites: Elementary Education major, FS 133. A study of interaction between organisms with their environment.

GENERAL BUSINESS ADMINISTRATION (GBA—616)

100. **Introduction to Business.** 3 hrs. An introductory course to practically all phases of the business world. Not open to juniors and seniors enrolled in the College of Business Administration. (JC 1113)

290. **Fundamentals of FORTRAN.** 3 hrs. Prerequisite: MAT 101. Application of internally stored digital computers to business problems through the use of the FORTRAN language.(JC 1323)

295. **The Legal Environment of Business.** 3 hrs. A study of the interrelationship of law and society and the impact of jurisprudence upon business activity. (JC 2413)

311. **Advanced Business Law.** 3 hrs. Prerequisite: GBA 295. A detailed emphasis on selected legal topics particularly related to business activity.

375. **Managerial Communications.** 3 hrs. Effective principles and practices of written communications and their functional translations in terms of audience evaluation.

415. **Government and Business.** 3 hrs. A study of the place of government in the business world with emphasis on controls, regulation, enforcement of competition and subsidies.

440. **Transportation.** 3 hrs. The principles, practices and problems of transportation that prevail in the United States.

GENETICS (GEN—312)

101. **Heredity and Human Affairs.** 3 hrs. Foundations of human reproductive and hereditary interrelationships and their significance in social, ethical, and moral problems.

402. **Genetics.** 3 hrs. Prerequisite: MIC 101 or BIO 101; one semester of organic chemistry recommended. The fundamental principles of heredity.

403. **Advanced Genetics.** 3 hrs. Prerequisite: GEN 402. A continuation of GEN 402.

404. **Genetic Techniques.** 2 hrs. Prerequisite: GEN 402 or concurrent with GEN 402. Laboratory exercises to illustrate basic genetic principles.

411. **Physiological Genetics.** 3 hrs. Prerequisites: GEN 402, 403. Physiological concepts of heredity.

421. **Interpretation of Biological Data.** 3 hrs. Prerequisite: Permission of instructor. Techniques applicable to the design and interpretation of biological research.

451. **Medical Genetics.** 3 hrs. The basic principles of human genetics with emphasis on the causation of abnormality and disease.

461. **Microbial Genetics.** 2 hrs. Prerequisites: GEN 402, 403. The genetics and molecular biology of microoorganisms and viruses.

461-L. **Micro Genetics Laboratory.** 2 hrs. To be taken concurrently with GEN 461.

492. **Special Problems I, II, III.** 2-6 hrs. A course in library and/or laboratory research selected in consultation with the adviser.

497. **Interdisciplinary Seminar in Developmental Disabilities.** 3 hrs.

GEOGRAPHY AND AREA DEVELOPMENT (GHY—268)

102. **Introduction to Geography.** 3 hrs. Introduction to the basic elements and concepts of geography.

103. **World Regional Geography.** 3 hrs. Introduction to world regional geography with emphasis on man's relation to the land.

310. **Principles of Cartography.** 3 hrs. Theory and construction of maps from compilation through reproduction: projection design, symbols, and techniques.

317. **Maps and Map Interpretation.** 3 hrs. Categories of maps and their utilization to include classification of projections, design, structure, measurement, and methods of interpretation.

323. **Weather and Climate.** 3 hrs. Survey of elements of weather and climate; emphasis on processes, distribution patterns, and impact on man.

324. **Geography of Landforms.** 3 hrs. Study of structure, process, and stage of geometric configurations of earth's land surface and influences exerted on human activity.

325. **Applied Physical Geography.** 3 hrs. An overview of climate, water, soils and their roles in the development of the landscape.

325-L. **Applied Physical Geography Laboratory.** 1 hr. Pre- or Corequisite: GHY 325. Analysis of physical geographic data, maps, and charts. Field trips may be required.

331. **Cultural Systems in the Environment.** 3 hrs. Geographical analysis of man's interaction with environment through time; considers spatial significance and distribution of various cultural elements.

341. **World Political Geography.** 3 hrs. Geographic approach to patterns of power and conflict among nations. Consideration of strategic areas, disputed zones, and regional blocs.

350. **Introduction to Economic Geography.** 3 hrs. Principles of economic geography as developed through regional studies of characteristics and areal associations of economic phenomena

360. **Introduction to Community and Regional Planning.** 3 hrs. A review of the fundamentals and historic development of community and regional planning.

362. **Urban Geography.** 3 hrs. Review of urban development, processes contributing to development, and effect these processes have on cities.

370. **Conservation of Natural Resources.** 3 hrs. An analysis of basic principles and problems associated with the use, misuse, and conservation of natural resources.

400. **Geography of Mississippi.** 3 hrs. Survey of physical, economic, and historical geography of the state; emphasis on man-environment relations and problems.

402. **Geography of Various Regions.** 3 hrs. North America, Europe, Latin America, USSR, Africa, and other regions offered under this number. May be repeated for a total of nine hours.

410. **Advanced Cartography.** 3 hrs. Prerequisite: GHY 310. Map reproduction techniques, color preparation, scribing, and quantitative symbolization.

411. **Aerial Photography Interpretation.** 3 hrs. Systematic treatment of elements and steps involved in interpreting, measuring, and mapping of images appearing on aerial photographs.

412. **Remote Sensing of the Environment.** 3 hrs. Prerequisite: GHY 411 or permission of instructor. Survey of theory and application of remotely-sensed imageries generated from aircraft and spacecraft for geographic, environment, and planning purposes.

413. **Field Methods.** 3 hrs. Basic methods used to classify, analyze, and report field-gathered data in geography and planning.

415. **Quantitative Methods in Spatial Analysis.** 3 hrs. A basic course in statistical and other quantative techniques applied to problems of spatial analysis.

416. **Computer Applications in Geography.** 3 hrs. Prerequisite: FORTRAN course or permission of instructor. Application of computer mapping and geographic information systems as tools of geographic analysis.

422. **Geography of Soils.** 3 hrs. Study of formulation, distribution, and use of soils; emphasis on soils of south Mississippi; fieldwork and laboratory analysis.

425. **Environmental Climatology.** 3 hrs. Study of climatological aspects of atmospheric pollution; includes chemical, medical, legal, economic, and community-planning dimensions of air pollution.

427. **Meteorology.** 3 hrs. Study of the temporal and areal variations in composition, structure, and working of the atmosphere. Practice in use of instruments and measurements.

432. **Environmental Perception.** 3 hrs. An analysis of man's perception of his cultural-social environment; considers both the physical and man-made landscape.

435. **Historical Geography of the U.S.** 3 hrs. Study of evolution of cultural landscapes of the area now comprising the United States; emphasis on processes of change.

440. **Population and Human Resources.** 3 hrs. A geographical analysis of the biological and cultural characteristics of population.

450. **Planning and Development Grants.** 3 hrs. Identification and analysis of funding programs supporting community and regional development. Exercises in grant writing and management.

451. **Industrial Location Analysis.** 3 hrs. Principles of industrial location analysis; emphasis on theory, locational decision making, and regional location of manufacturing.

452. **Small Town and Rural Development.** 3 hrs. Study of rural area development potentials and problems.

453. **Transportation and Land Use.** 3 hrs. Study of the various transportation modes and the effect they have on contemporary development problems.

461. **Socioeconomic Planning.** 3 hrs. Compilation, analyses and projection of population, and economic variables as they relate to community and regional planning.

462. **Environmental Planning.** 3 hrs. A detailed study of environmental planning analysis and methodology as an element in land-use decision-making systems.

463. **Transportation and Community Facilities.** 3 hrs. Examination of community facility and transportation planning and how they relate to the greater goals of the individual and society.

464. **Housing and Community Development.** 3 hrs. Examination and analysis of housing and land development patterns in community and regional planning.

465. **Land Use Planning and Policy.** 3 hrs. Consideration of various legal and institutional tools related to implementation of community and regional plans.

466. **Planning Agency Management.** 3 hrs. An analysis of the management and operation procedures of community and regional planning organizations.

469. **Studio-Laboratory: Plan Preparation.** 3 hrs. Preparation and presentation of a professional plan as a collaborative community/student group effort. May be repeated with change of content for a total of six (6) hours.

470. **Energy Planning and Management.** 3 hrs. An overview of the basic strategies and techniques employed through the public sector to foster energy efficiency.

473. **Water Resources.** 3 hrs. Study of hydrologic processes and their application to needs of cities, industry, agriculture, and recreation.

474. **Watershed Management.** 3 hrs. Investigation of watersheds as planning and management units; emphasis on relationship of water to other resources. Game theory used.

491. **Geography and Planning Internship.** 1-9 hrs. May be repeated for a total of nine hours.

492. **Special Problems.** 1-3 hrs. May be repeated for a total of six hours.

499. **British Studies: Urban and Regional Development.** 3-6 hrs. An overview of contemporary development theory and practice in Great Britain. Includes field trips and directed research.

GEOLOGY (GLY—340)

101. **Physical Geology.** 3 hrs. The physical processes in and materials of man's environment. An introductory course. (JC 1113)

101-L. **Physical Geology Laboratory.** 1 hr. Pre- or Corequisite: GLY 101. An elementary study of rocks, minerals, and maps. (JC 1111)

103. **Historical Geology.** 3 hrs. Prerequisite: GLY 101 or permission of instructor. A study of earth history as revealed in the character and fossil content of rocks. (JC 1123)

103-L. **Historical Geology Laboratory.** 1 hr. Introduction to the study of fossils and interpretation of geologic maps. Field trips may be required. (JC 1121)

151. **Introduction to Ocean Science.** 3 hrs. Survey of the physical, chemical, geological, and biological features of the ocean.

301. **Mineralogy I.** 4 hrs. Prerequisites: GLY 101, CHE 101, 102. Elements of crystallography, silicate structure, and determinative mineralogy.

304. **Petrology.** 4 hrs. Prerequisite: GLY 301. Principles of rock genesis, lithology, taxonomy, and recognition.

306. **Environmental Geology.** 3 hrs. Material and energy systems as they relate to man and his environmental problems.

308. **Structural Geology.** 4 hrs. Principles of rock deformation; field trips. Prerequisites: GLY 103 and MAT 103.

310. **Geomorphology.** 3 hrs. Prerequisites: GLY 101, 101-L; MAT 103 or equivalent. Study of geologic processes involved in landscape development.

311. **Field Geology.** 6 hrs. Prerequisite: GLY 341, 380, or permission of instructor. Preparation of stratigraphic and structure sections, use of Brunton compass, and geologic map preparation in the field.

341. **Invertebrate Paleontology.** 4 hrs. Prerequisites: GLY 103, 103-L or permission of instructor. Taxonomy, morphological features, and geologic distribution of invertebrate fossils.

380. **Introduction to Geological Field Work.** 2 hrs. Prerequisite: GLY 308. Pre- or Corequisite: GLY 304. Practice in use of Brunton compass, geological map-making, recording field data, and keeping field notes.

401. **Principles of Stratigraphy.** 3 hrs. Prerequisites: GLY 301, 308, 341, or permission of instructor.

403. **Optical Mineralogy.** 4 hrs. Prerequisites: GLY 301 and MAT 103. Introduction to optical mineralogy, and thin section study of rocks using polarizing microscope.

404. **Coal Petrology.** 3 hrs. Prerequisites: GLY 403 or permission of instructor. A study of origin, coalification and maceral composition of coal and the application to problems of paleobotany, oil and gas prospecting and fuel technology.

405. **Sedimentology.** 3 hrs. Prerequisites: GLY 103, 103-L; CHE 101. Origin of sedimentary particles, sedimentary structures and classification of sedimentary rocks.

409. **Carbonate Sediments.** 3 hrs. Prerequisite: GLY 304. Comprehensive treatment of limestone sedimentology and petrology.

409-L. **Carbonate Sediments Laboratory.** 1 hr. Prerequisite: GLY 304. Application of field and laboratory studies to an understanding of the genesis and diagenesis of ancient and modern carbonates.

410. **Elements of Geochemistry.** 3 hrs. Prerequisites: GLY 301, 304. Chemical processes in the environment as a guide to environmental analysis and geological synthesis.

415. **Clay Mineralogy.** 3 hrs. Prerequisites: GLY 101 and CHE 102. Origin, structure, and chemistry of clays, identification techniques, clay-water systems, soil formation and engineering techniques.

420. **Elements of Geophysics.** 3 hrs. Prerequisites: GLY 101, MAT 103, PHY 102, 106, or 202 and consent of instructor. Applications of physics to geological investigations.

422. **Geophysical Well-Logging.** 3 hrs. Principles of obtaining data from bore hole instruments, and geological interpretation of data. Laboratory included.

426. **Advanced Geophysics.** 3 hrs. Prerequisites: PHY 102, 106, or 202. Corequisite: MAT 277. Physical principles governing gravity, magnetic, and seismic exploration.

443. **Micropaleontology.** 3 hrs. Prerequisite: GLY 341. Taxonomy, morphology, and stratigraphic use of Foraminifera; field trips.

450. **Geological Oceanography.** 3 hrs. Prerequisites: GLY 103, CHE 102, PHY 102 or 106, and consent of instructor. Basic principles of geological oceanography.

451. **Advanced Field Geology.** 6 hrs. Prerequisites: GLY 101, 103, 308, 311, 341, 405. Supervised detailed individual mapping project.

452. **Physical Marine Geology.** 3 hrs. Gulf Coast Research Laboratory. Prerequisites: GLY 101, 103. Geological processes, sedimentary environments, and geomorphological features of Gulf Coast.

454. **Chemical Marine Geology.** 3 hrs. Gulf Coast Research Laboratory. Prerequisites: GLY 103, 301, and CHE 102. Supervised research on the chemistry of the coastal waters of Mississippi and geochemistry of the bottoms.

470. **Petroleum Geology.** 3 hrs. Prerequisites: GLY 304, 308, 401, or permission of instructor. The origin, occurrence, and accumulation of oil and natural gas; field trips.

474. **Geological Excursion.** 1 hr. Field studies of geological phenomena in areas remote from the campus, by means of 8 to 10 day field trips during scheduled breaks.

476. **Hydrology.** 3 hrs. An introduction to the origin, distribution, movement and properties of the waters of the earth.

492. **Special Problems in Geology.** 1-3 hrs. Prerequisite: Senior standing and permission of the chairman. Independent study or research.

HEALTH AND SAFETY EDUCATION (HSE—715)

101. **Personal Wellness.** 3 hrs. An examination of the relationships of various lifestyle components to various levels of wellness. (JC 1213)

210. **Introduction to Health Education.** 3 hrs. A study of the health education profession, specialties, manpower, and philosophies.

310. **First Aid.** 2 hrs. Prerequisite: Classification as a Junior or Senior. Standard First Aid as approved by the American Red Cross.

311. **Emergency Health Care.** 3 hrs. Prerequisite: Classsification as a Junior or Senior. Standard First Aid plus advanced study certifying personnel to conduct first aid courses in school and community. (School of HPER Core)

315. **Anatomical Structures Related to Movement.** 3 hrs. Prerequisites: BIO 101 and 102. A study of the anatomical structures pertinent to human movement.

321. **Community Health.** 3 hrs. Community control of environmental health hazards and diseases; health agencies.

341. **Safety.** 3 hrs. Accident problems, safety programs, and methods of prevention.

342. **Education for Safe Living.** 3 hrs. Curriculum development, community resources, and audiovisual materials for teaching safety.

409. **Community Health Education Methods.** 3 hrs. Planning techniques, behavioral objectives, content selection, motivational theory, educational strategies and evaluation.

410. **School Health Education Methods.** 3 hrs. Scope and sequence review, behavioral objectives, content selection, and a variety of education strategies for levels K-12.

411. **Health Education Curriculum for Secondary Schools.** 3 hrs. Varieties of curriculum organization, scope and sequence, survey of educational content, facilities and equipment.

412. **Measurement and Evaluation in Health Education.** 3 hrs. A survey of evaluation instruments for appraising and interpreting health data.

414. **Consumer Health.** 3 hrs. A survey of consumer problems related to health misconceptions, choosing health services, medical quackery, and advertising of health products.

415. **School Health Program.** 3 hrs. Organization and operation of school health programs with emphasis on policies, procedures, problems, and field work.

420. **Communicable and Chronic Disease in Man.** 3 hrs. Problems, control, and prevention of communicable and chronic disease in modern society.

421. **Sanitation.** 3 hrs. Sanitation in the home and school, in food production, water supply, waste, and excreta disposal.

422. **Drugs in Society.** 3 hrs. Prerequisite: HSE 101 or permission of instructor. Psychosocial, medical, legal, and health aspects of drugs and their abuse.

423. **Curriculum Development in Alcohol Education.** 3 hrs. An analysis of alcoholism, instructional approaches, and community resources for teaching alcohol misuse and abuse.

430. **Marriage and Human Sexuality.** 3 hrs. Physical, emotional, and medical bases for successful courtship, marriage, and parenthood.

435. **Mental Health Education.** 3 hrs. A survey of the content and teaching strategies for mental health education.

436. **Stress Management: Concepts and Strategies for Health Education.** 3 hrs. To acquaint students with educational "content" related to stress management and with educational strategies for teaching about stress management.

440. **Introduction to Driver Education.** 3 hrs. Critical analysis of traffic accidents, attitude factors, essential knowledge of automobile operation and traffic law.

441. **Traffic Safety Education.** 3 hrs. An in-depth study of the major problems in traffic safety, including driver, pedestrian, engineering, and enforcement.

442. **Laboratory Programs in Driver Education.** 3 hrs. An examination of the aims, objectives, and role of laboratory programs in driver education.

443. **Methods of Driver and Traffic Safety Education.** 3 hrs. Prerequisite: HSE 440. Methods and techniques to develop competence in transferring knowledge and skills.

444. **Simulation in Driver Education.** 3 hrs. Prerequisites: HSE 440 and HSE 443. An audiovisual instructional method designed to complement and supplement other instructional techniques.

445. **Driver Education Laboratory.** 1 hr. This course is designed to provide students who are enrolled in HSE 443 with supervised teaching experience.

446. **Innovative Programs of Driver Education.** 3 hrs. New and unique teaching methods of driver and traffic safety education.

488. **Motorcycle Safety Education.** 3 hrs. Analysis of the motorcycle traffic problem; methods of teaching classroom and laboratory phases of motorcycle education.

489. **Driver Education for Special Students.** 3 hrs. Curriculum development and teaching materials in traffic safety education for special education students.

492. **Special Problems.** 3 hrs. A student originated problem, research plan, and reporting of results, with guidance of a chosen adviser.

HISTORY (HIS—272)

ECO 310 and PS 420, 421, and 425 may be selected as history if approved by the student's adviser. No more than six (6) hours of these courses may be counted as history credit.

101. **World Civilization to 1648 A.D.** 3 hrs. (JC 1113 or 1143)

102. **World Civilization Since 1648 A.D.** 3 hrs. (JC 1123 or 1153)

140. **United States to 1877.** 3 hrs. (JC 2213 or 2243)

141. **United States Since 1877.** 3 hrs. (JC 2223 or 2253)

300. **The Cold War and Containment.** 3 hrs. An analysis of Communist ideology and the power relationships between the United States, Russia, and China since 1945.

301. **Modern China and Japan.** 3 hrs. An historical study of China and Japan in the 19th and 20th centuries.

303. **Studies in Non-Western History.** 3 hrs. May be repeated for a total of nine hours.

310. **The Ancient World.** 3 hrs.

311. **The Middle Ages.** 3 hrs.

313. **Early English History.** 3 hrs.

315. **Studies in European History.** 3 hrs. May be repeated for a total of nine hours.

316. **Technology and Human History.** 3 hrs. Traces the evolution of human technology from the Paleolithic period to the contemporary period. Designed for students in the sciences and technology as well as history.

340. **Afro-American History.** 3 hrs. A chronologically arranged survey of the black political, social, economic, and intellectual experience in slavery and freedom, with emphasis on protest thought and deed.

341. **Mississippi History.** 3 hrs. A survey of Mississippi's economic, social, and political development from seventeenth century European settlement to the present.

342. **U.S. Military History.** 3 hrs. A survey of American military history.

344. **Studies in United States History.** 3 hrs. May be repeated for a total of nine hours.

345. **Introduction to Historical Methodology.** 3 hrs. A basic course to acquaint the student with the theory and practice of historical study.

346. **Women in American Society.** 3 hrs. A survey of the experience of American women from the colonial period to the present with emphasis on the evolution of woman's role in society in response to changing economic and social conditions.

380. **Latin American Empires.** 3 hrs. A description and analysis of Maya, Aztec, Inca, Spanish, and other European empires which have helped shape Latin America's traditions.

381. **Modern Latin America.** 3 hrs. A study of Latin American history from independence (ca. 1825) to the present with an emphasis on social, economic, and cultural developments.

382. **Studies in Latin American History.** 3 hrs. An undergraduate seminar dealing with a variety of Latin American topics. May be repeated for a total of nine hours.

409. **Themes in the Non-Western World.** 3 hrs. An analysis of economic, political, social, and cultural issues which have shaped relations between the Western and non-Western worlds.

411. **History of the USSR.** 3 hrs.

412. **English Constitutional and Legal History.** 3 hrs. Emphasis on the main trends in the evolution of the modern common law system and the contemporary constitution.

413. **Medieval Life and Thought.** 3 hrs.

414. **Modern Germany.** 3 hrs. A survey of the political, diplomatic, economic, and social developments in Germany from the Bismarckian era through the Third Reich.

415. **French Revolution and Napoleon.** 3 hrs. A study of Revolutionary and Napoleonic France and its impact on Europe.

416. **Europe 1815-1870.** 3 hrs. A survey of early nineteenth century Europe, with emphasis on nationalism and the quest for reform.

417. **Europe 1870-1914.** 3 hrs. A survey of late nineteenth and early twentieth century Europe with emphasis on the growth of democracy, the expansion of empires, and the origin of World War I.

418. **Europe, 1914-1945.** 3 hrs.

420. **France, 1815-Present.** 3 hrs. A survey of French history after Napoleon emphasizing the evolution of political and social structures.

421. **Tudor-Stuart Britain.** 3 hrs.

424. **Intellectual and Cultural History of Modern Europe.** 3 hrs. Philosophy, social thought, and the arts from the Enlightenment to the present.

425. **Nineteenth and Twentieth Century Britain.** 3 hrs.

440. **The Age of Jefferson and Jackson.** 3 hrs. A study of political, social, and cultural changes in the United States from 1789-1848.

442. **The Old South.** 3 hrs. The social, economic, and cultural history of the antebellum South with particular emphasis on the plantation system and slavery.

443. **The New South.** 3 hrs. An analysis of the pecularities of the South's social, economic, political, and intellectual development from 1877 to the present. Emphasis is placed on those factors making the South distinctive in American history.

445. **U. S. Foreign Relations to 1914.** 3 hrs. A study of U. S. foreign policy from the American Revolution to World War I with an emphasis on manifest destiny and American expansion.

446. **U. S. Foreign Relations Since 1914.** 3 hrs. A continuation of HIS 445 with an emphasis on the diplomacy of World War I, the events leading to World War II, World War II, and the Cold War.

447. **Colonial America.** 3 hrs. Development of social, political, economic, and religious life in the English colonies of North America to 1763.

448. **The American Revolution.** 3 hrs. A discussion course concerning the dispute between Great Britain and her American colonies which led to the development of a new nation.

450. **The Early American Frontier.** 3 hrs. A discussion course concerning pioneer life—primarily in the South—from the Atlantic seaboard to the Mississippi Valley.

451. **The Western Frontier.** 3 hrs. Examines the significance of frontier types west of the Mississippi including explorers, mountain men, cowboys, farmers, miners, railroaders, and Indians.

452. **The Sectional Controversy and the Civil War, 1848-1877.** 3 hrs. An examination of sectional conflict, Civil War, and Reconstruction with primary emphasis on political and military history.

453. **Modern America.** 3 hrs. A survey of political, economic, diplomatic, and social developments in the United States from the close of the Civil War through the end of World War I.

454. **Twentieth Century America, 1919-1945.** 3 hrs. A detailed examination of the social, intellectual, political, diplomatic, and economic history of the interwar years.

456. **Law in American History.** 3 hrs. Traces the relationship between law and society throughtout American history.

458. **Our Times.** 3 hrs. A detailed examination of social, intellectual, political, diplomatic, and economic history since World War II.

475. **A History of American Thought I.** 3 hrs. A survey of American thought from the 17th through the 19th century.

476. **A History of American Thought II.** 3 hrs. Prerequisite: HIS 475 or permission of instructor. A survey of 20th century American thought.

480. **History of Mexico and the Caribbean.** 3 hrs.

481. **History of South America: The Andean Countries.** 3 hrs.

482. **History of South America: Brazil and the Rio de la Plata.** 3 hrs.

492. **Special Problems.** 1-3 hrs.

499. **British Studies: Seminar in European Studies.** 3-6 hrs. Lecture series and research in European studies offered abroad under auspices of Institute of Anglo-American Studies.

HOME ECONOMICS EDUCATION (HEE—820)

301. **Teaching Home Economics.** 3 hrs. Prerequisite: Junior standing in home economics. A study of teaching techniques, materials and school procedures, as well as planning and organizing curriculum.

403. **Student Teaching Home Economics.** 9 hrs. Prerequisite: HEE 301 with grade no lower than **B.**

404. **Consumer Economics.** 3 hrs. Consumer problems in present day society.

409. **Occupational Home Economics.** 3 hrs. The exploration and planning of teaching units for home economics related occupations.

478. **Home Economics Seminar.** 1 hr. This course is concerned with the history and philosophy of home economics and the preparation of the professional home economics graduate.

492. **Special Problems.** 1-4 hrs. arr.

HONORS COLLEGE (HON—000)

111. **Honors Colloquium.** 3 hrs. Major civilizations of the western world.

112. **Honors Colloquium.** 3 hrs. Continuation of HON 111.

121. **Honors Composition.** 1 hr. An introduction to writing non-fiction prose.

122. **Honors Composition.** 1 hr. Continuation of HON 121.

131. **Honors Art.** 3 hrs. Art in western civilization.

211. **Honors Colloquium.** 3 hrs. Continuation of HON 112.

212. **Honors Colloquium.** 3 hrs. Continuation of HON 211.

221. **Honors Composition.** 1 hr. Continuation of HON 122.

222. **Honors Composition.** 3 hrs. Continuation of HON 221.

231. **Honors Music.** 3 hrs. Music in western civilization.

301. **Prospectus Writing.** 1 hr. Introductory research methods for Honors students.

302. **Honors Colloquium.** 1 hr. Various topics of contemporary concern.

303. **Honors Colloquium.** 3 hrs. Continuation of HON 212.

311. **Honors Directed Study.** 3 hrs. Independent study for Honors students.

312. **Honors Directed Study.** 3 hrs. Continuation of HON 311.

321. **University Forum.** 1 hr. A presentation of major themes in humanities, science, and social science.

322. **University Forum.** 1 hr. Continuation of HON 321.

401. **Honors Colloquium.** 1 hr. Various topics of contemporary concern.

402. **Honors Colloquium.** 1 hr. Continuation of HON 401.

403. **Honors Colloquium.** 3 hrs. Aspects of civilization.

411. **Honors Directed Study.** 3 hrs. Independent study for Honors students.

490. **Honors Colloquium.** 3 hrs. The contemporary world.

492. **Honors Research.** 1-3 hrs. Senior project.

Special Honors sections are also offered by several departments, as follows: BIO H110, BIO H111, MAT H276, MAT H277, PS H101.

HOTEL AND RESTAURANT ADMINISTRATION (HRA—818)

179. **Introduction to Lodging and Food Service Management.** 3 hrs. An introductory course in the lodging, food service, and tourism industries.

475. **Food and Beverage Management.** 3 hrs. Basic principles and procedures of effective beverage selection, control, and management.

476. **Hotel and Motel Administration.** 3 hrs. Organization, management, and operating procedures of lodging facilities.

478. **Seminar in Hotel and Restaurant Industry.** 1-6 hrs. arr. Discussion and analysis of principles, trends, and practices in the industry.

479. **Internship in Lodging and Food Service.** 9 hrs. arr. Structured and supervised on-the-job learning experience in lodging and/or food service.

480. **Hospitality Industry Accounting.** 3 hrs. Accounting principles applied to the hospitality industry. Financial statement analysis through case study. Managerial accounting emphasized.

481. **Laws and Regulations of the Travel Industry.** 3 hrs. Prerequisite: Junior status. Origin, development, and principles of common and statutory law as they apply to the travel industry.

482. **Marketing of Hospitality and Travel Services.** 3 hrs. Analysis of the planning, developing, and marketing of food, lodging, and travel services.

483. **Dimensions of Tourism.** 3 hrs. Study of the components and forces which influence the international and domestic hospitality and travel industries.

492. **Special Problems in Hotel and Restaurant Administration.** 1-6 hrs.

HOUSING AND HOME MANAGEMENT (HHM—825)

345. **Household Equipment.** 3 hrs. Prerequisite: FN 261. A study of the selection, operation, care, repair, and arrangement of appliances in the home.

401. **Demonstration Techniques.** 3 hrs. Planning and conducting demonstrations for professional home economists.

441. **Field Work in Equipment.** 9 hrs. Field work for those planning to become home economists in business.

442. **Economics of the Home.** 3 hrs. Problems of homemaking relating to wise use of resources.

443. **Home Management Residence.** 4 hrs. Prerequisites: FN 163, 261, 362 and HHM 345. (HHM 442 to be taken concurrently.)

492. **Special Problems in Housing and Home Management.** 1-6 hrs. A. Housing—Prerequisite: HHM 340. B. Equipment—Prerequisite: HHM 345.

HUMANITIES (HUM—001)

210. **Man's Precarious Habitat.** 3 hrs. A study of physical, biological, social, political, and economic problems of environment.

310. **Greek Culture and Literature in Translation.** 3 hrs. A survey of Greek culture and civilization from Homer to Plato.

313. **Latin Culture and Literature in Translation.** 3 hrs. A survey of Latin Culture and civilization.

314. **History of Music.** 3 hrs. An investigation of major developments in music from classical Greece to the modern age.

315. **History of Art.** 3 hrs. An investigation of the visual arts in the history of western man.

316. **The Impact of Science on History.** 3 hrs. An investigation of the historical importance of science.

380. **History of Philosophy.** 3 hrs. An historically oriented introduction to major philosophical ideas.

382. **Introduction to Anthropology.** 3 hrs. A comprehensive and indepth introduction to each of the major fields of anthropology.

410. **Readings in Western Literature I.** 3 hrs. Selected translations of masterpieces of world literature to 1500.

412. **Readings in Western Literature II.** 3 hrs. An analysis of selected European literature from 1500 to the present.

INDUSTRIAL AND VOCATIONAL EDUCATION (IVE—165)

116. **Multifield Crafts Laboratory.** 3 hrs. An introduction to contemporary art-crafts with laboratory experience and skill development. A multiple activity emphasis.

301. **Applied Electricity.** 3 hrs. Introduction to electrical theory. Laboratory experience with basic communications and industrial circuits.

302. **Applied Electronics.** 3 hrs. Prerequisite: IVE 301. A continuation of electron theory and laboratory experience with communications and industrial circuits.

303. **Industrial Electronics.** 3 hrs. Prerequisite: IVE 302. Solid state integrated circuits. Printed circuit board fabrication and trouble-shooting.

314. **Leather Craft.** 3 hrs. Designing, tooling, carving, and finishing leather products.

315. **Plastics.** 3 hrs. Materials in common use, project design, and fabrication.

316. **Power Mechanics.** 3 hrs. Development and use of all forms of power. Laboratory experiences with gasoline engines.

318. **Materials and Processes of Industry.** 3 hrs. A study of manufacturing methods with a wide variety of industrial materials.

319. **Industrial Arts for Elementary Teachers.** 3 hrs. A methods course for elementary teachers.

323. **Engineering Drawing I.** 3 hrs.

324. **Engineering Drawing II.** 3 hrs. Prerequisites: IVE 323.

331. **Woodwork.** 3 hrs. Introduction to woodworking tools; materials, processes, and products.

332. **Finishing Materials and Applications.** 3 hrs. A course covering equipment, materials, and techniques.

333. **Advanced Woodwork.** 3 hrs. Prerequisite: IVE 331. Emphasis upon design, machine use, and advanced project construction.

350. **Architectural Drawing.** 3 hrs. Practice in drafting contemporary house plans, floor plans, elevations, sections, details, etc.

360. **General Metals.** 3 hrs. Introduction to the field of metal working.

361. **Sheet Metal Fabrication.** 3 hrs. Pattern making and metal forming processes.

362. **Machining Processes.** 3 hrs. Typical machine operations including turning, drilling, milling, etc.

364. **Welding.** 3 hrs. Theory and practice in gas and arc welding.

365. **Casting Technology.** 3 hrs. Investigations and laboratory experiences in casting processes.

366. **Decorative Metal Work.** 3 hrs. Designing, constructing, and finishing of decorative objects in metal.

400. **Shop Planning and Equipment Selection.** 3 hrs. A study of shop layout, equipment specifications, cost, and procurement.

401. **Laboratory Organization and Management.** 3 hrs. Organization of students and physical facilities.

402. **History and Philosophy of Industrial Education.** 3 hrs. A study of the underlying foundations and principles, leaders, and movements in industrial arts.

403. **Occupational Analysis and Course Construction.** 3 hrs. Analyzing occupations into their basic components and arranging for instructional purposes.

404. **Problems of the Coordinator.** 3 hrs. A study of the problems, procedures, techniques, etc., in the operation of part-time cooperative education.

420. **Industrial Materials Testing.** 3 hrs. A systematic study of common industrial materials, their properties, and application through experiments and research.

421. **Power Transmissions.** 3 hrs. A study of mechanical, hydraulic, pneumatic, and electrical power amplification and transmission.

430. **Introduction to Vocational and Technical Education.** 3 hrs.

431. **Principles of Trade and Industrial Teaching.** 3 hrs. A methods course for teaching trade and industrial subjects.

432. **Problems of Adult Education.** 3 hrs. Methods and techniques in teaching adults in industrial education classes.

433. **Curriculum Construction for Cooperative and Adult Vocational Classes.** 3 hrs. Objectives, content, arrangement and techniques of teaching in part-time cooperative and evening programs.

434. **Occupational Surveys.** 3 hrs. Planning and conducting occupational surveys for educational purposes.

435. **Instructional Materials for Industrial Education.** 3 hrs. Indentification, selection, development, and use of instructional aids in vocational and technical education.

436. **Curriculum Construction for Vocational Technical Education.** 3 hrs. Principles, practices, and techniques in planning and establishing a class or program in vocational technical education.

437. **Industrial Human Relations.** 3 hrs. A study of human behavior and interpersonal dynamics within the industrial organization and environment. Primarily for industrial educators.

462. **Advanced Machine Tool Techniques.** 3 hrs. Advanced study of machine tool operations processes and procedures.

480. **History and Philosophy of Vocational Education.** 3 hrs. Objectives, principles, aims, and organization of programs in schools and colleges.

481. **Testing and Evaluation in Vocational Education.** 3 hrs. Development and utilization of various measuring devices and techniques.

482. **Industrial and Vocational Safety.** 3 hrs. Analysis of fundamentals of accident prevention and their application in school and industrial shops.

483. **Occupational Safety.** 3 hrs. Organization and administration of safety programs including implementation of the Occupational Safety and Health Act. Primarily for industrial educators.

492. **Industrial Special Problems.** 1-3 hrs. Prerequisites: Senior standing and chairman's permission.

+ 494. **Student Teaching in Vocational-Technical Education.** 9 hrs. Prerequisite: IVE 431. For students who plan to teach in a post-secondary vocational or technical program and who are not presently employed in such a program.

+ 495. **Internship in Vocational-Technical Education.** 1-9 hrs. Prerequisite: IVE 431. A nine-months' supervised experience for practicing teachers of vocational or technical subjects.

497. **Interdisciplinary Seminar in Developmental Disabilities.** 3 hrs.

INDUSTRIAL TECHNOLOGY (INT—395)

148. **Engineering Graphics.** 3 hrs. The basics of engineering drawing: tools and equipment, sketching, projections, dimensioning, and tolerances.

249. **Production Graphics.** 3 hrs. Graphical procedures used in industrial processes and product development.

250. **Descriptive Geometry.** 3 hrs. Graphical and numerical techniques for orthographic projections.

300. **Manufacturing Processes.** 3 hrs. Prerequisites: IVE 360 and 362. Elementary manufacturing operations and their combination into manufacturing processes.

301. **Engineering Economics.** 3 hrs. Mathematical techniques used to simplify economic comparisons in the acquisition and retirement of capital goods in industry.

302. **Industrial Quality Control.** 3 hrs. Corequisite: CSS 211. The use of control charts, acceptance sampling, and tolerances to test and improve product quality. Basic reliability.

306. **Electrical Power System Instrumentation.** 3 hrs. Instrumentation and techniques for monitoring electrical power system operation.

308. **Industrial Instrumentation.** 3 hrs. Prerequisites: PHY 105 and 106. Modern methods of measurement and control of process variables; temperature, pressure, liquid level, flow, etc.

392. **Special Problems.** 1-3 hrs. arr. Prerequisite: Junior standing; approval of faculty adviser. Individual or group study in area not covered by available courses.

400. **Senior Project.** 3 hrs. arr. Prerequisite: Senior standing; approval of faculty adviser. Student required to complete project in his area of specialization.

401. **Senior Project.** 3 hrs. arr. Continuation of INT 400.

405. **Production Technology.** 3 hrs. Plant layout, materials handling, quality control, production evaluation, set-up and maintenance procedures.

406. **Industrial Automation.** 3 hrs. Elements of automated machinery.

407. **Personnel in Technology.** 3 hrs. Concepts, principles, techniques, and programs essential to the employment, development, and utilization of technical personnel.

408. **Innovations in Technology.** 3 hrs. Computer-aided design and manufacturing. Robotics.

409. **Plant Layout.** 3 hrs. Effectiveness of plant layout to the production activity, involving personnel, materials, tools and equipment.

440. **Alternate Energy Systems.** 3 hrs. Study of alternative sources of energy and power.

441. **Industrial Energy Conservation.** 3 hrs. A study of the technical, management, and cost elements of energy conservation in the industrial setting.

443. **Power Plants.** 3 hrs. Study of stationary power plants, economics, efficiency, components, fuels, and typical industrial applications.

462. **Power System Economics.** 3 hrs. Prerequisite: INT 461. Economics of power system operation: cost analysis, rate determination, optimum system operation.

463. **Computer Methods in Electrical Power.** 3 hrs. Computer-aided analysis and design of electric power systems.

476. **Electrical Safety in Industry.** 3 hrs. Electrical equipment safety. Injuries caused by electrical faults. Inspection and maintenance of electrical equipment.

477. **Fire Safety in Industry.** 3 hrs. Factors contributing to industrial fires. Chemistry and classifications of fires. Fire extinguishers and water systems. Fire Prevention.

480. **Industrial Simulation and Modeling.** 3 hrs. Analysis of discrete-event systems in industry such as plant layouts, materials handling, production methods, and inventory control.

491. **Seminar.** 2 hrs. Prerequisite: Senior standing. Tours, guest lectures, student presentations, and discussions of the latest methods in the field.

492. **Special Problems.** 1-3 hrs. Prerequisite: Senior standing; approval of faculty adviser. Supervised study in area not covered by available courses.

INSTITUTION ADMINISTRATION (IAD—817)

271. **Problems in Managing a Food Service.** 3 hrs. Organizational structure of the federal school lunch program. Emphasis placed on management procedures.

272. **Basic Principles of Quanitity Food Service.** 3 hrs. Emphasis on planning, preparation and service for large groups.

273. **Sanitation for Institutions.** 3 hrs. Emphasis on all phases of sanitation.

370. **Catering.** 2 hrs. Principles, techniques and implementation of special functions in food service.

470. **The School Lunch.** 3 hrs. Designed to give experience in menu planning, records, food buying and preparing and serving food on quantity level.

471. **Institution Food Purchasing.** 3 hrs. Prerequisite: Junior standing. Investigation of marketing conditions, sources, standards, grades, methods, and storage of classes of foods.

472. **Quantity Food Production and Service.** 4 hrs. Emphasis on actual food preparation and serving on quantity level.

473. **Food Systems Management.** 6 hrs. Food preparation, organization, financial control and personnel management for institution food departments.

474. **Layout and Equipment.** 3 hrs. Prerequisite: Junior standing. A study of the layout and function of physical facilities with emphasis on arrangement, selection, cost, and care of equipment.

475. **Food Systems II.** 4 hrs. Prerequisite: IAD 473. Organization and management cost control. Layout and equipment and human relations.

476. **Food Service Management.** 4 hrs. Prerequisite: IAD 472. A study of management of food service systems and the interrelationship of the components of these systems.

492. **Special Problems in Institution Administration.** 1-4 hrs. Prerequisite: Permission of instructor.

JOURNALISM (JOU—212)

102. **Beginning Reporting.** 3 hrs. Fundamentals of gathering, evaluating, and writing news under deadlines in a laboratory setting. (JC 1313)

140. **Elements of Photography.** 3 hrs. Introductory course in camera operations, exposing, developing, and printing black and white photographs.

140-L. **Elements of Photography Laboratory.** 1 hr.

203. **Intermediate Reporting.** 3 hrs. Prerequisite: JOU 102. Application of news gathering and writing techniques with emphasis on interviews, speeches, and press conferences.

240. **Visual Journalism.** 3 hrs. Prerequisite: JOU 140. The study and practice of compositional and photographic techniques that increase the effectiveness of photographic communication.

301. **Feature Writing.** 3 hrs. Researching and writing feature articles, particularly for the magazine markets. Analyses of the magazine medium and free-lance markets.

311. **Advanced Editing.** 3 hrs. Prerequisite: JOU 102. Methods and practice in judging news, editing copy, and writing headlines. Introduction to VDT. Emphasis in precise word use.

312. **Design Typography.** 3 hrs. General survey of type and printing development. Practical exercises in preparation of camera-ready copy through production.

313. **Newspaper Design and Make-up.** 3 hrs. Prerequisite: JOU 311. Principles and practices in making up newspapers. Advanced work in copyreading, rewriting, and headlining.

331. **Print Media Advertising.** 3 hrs. Study and practical assignments in copy writing and designing advertising layouts.

341. **35mm Techniques.** 3 hrs. Prerequisite: JOU 240. Shooting and darkroom techniques for small format photography.

342. **History of Still Photography.** 3 hrs. A study of early photographers, photographic techniques, and photographic processes as they relate to modern photographic communication.

344. **Photojournalism.** 3 hrs. Prerequisite: JOU 240. Reporting and interpreting news visually. Practice in covering politics, sports, other public affairs events, and features. Examination of ethical, legal, and social responsiblity of spot news and in-depth photojournalism.

346. **Color Photography.** 3 hrs. Prerequisite: JOU 240. Color photography and printing techniques using both positive and negative color film.

402. **Advanced Reporting.** 3 hrs. Prerequisite: JOU 203. Public affairs reporting emphasizing coverage of city and county governments and the courts.

403. **Specialized Reporting.** 3 hrs. Prerequisite: JOU 203. Investigative and interpretative reporting of complex or specialized subjects. Emphasis on writing for publication.

405. **Problems in Newspaper Production.** 3 hrs. Practical training in the production of student newspapers and advising of staffs.

418. **Practicum in Journalism.** 1-3 hrs. Prerequisite: Consent of adviser. Supervised experience in news, photography, public relations, or advertising.

421. **Public Relations.** 3 hrs. Introduction to the professional practice of public relations, emphasizing its function and process, publics, tools and media of communication, and professional ethics.

422. **Publicity Methods.** 3 hrs. Prerequisites: JOU 102, 421. Concentrates on designing total public relations packages for public, business, and non-profit organizations. Requires production of a publicity campaign.

425. **Business and Professional Publications.** 3 hrs. Writing, editing, designing, and producing publications used in public relations communication with emphasis on magazines.

428. **Public and Press Relations Management.** 3 hrs. Prerequisite: JOU 421. Emphasizes systematic, analysis of clients and publics, formulation of goals and strategies, and multimedia communications. Evaluation of effectiveness and budget preparation included. Case studies and field project.

429. **Internship.** 3 hrs. Prerequisite: Consent of adviser. Designed for students who have arranged internship in news, photography, advertising, and public relations.

440. **Advanced Press Photography.** 3 hrs. Prerequisite: JOU 240. The study and use of different materials, chemicals, and darkroom techniques that alter or can be used to manipulate the photographic image. Both conventional and non-conventional image production are discussed.

442. **Commercial Photography.** 3 hrs. Prerequisite: JOU 341. Introduction to large format studio photography.

444. **Advanced Commercial Photography.** 3 hrs. Prerequisite: JOU 442. Techniques emphasizing professional quality work in the specialized areas of commercial photography.

450. **History of Journalism.** 3 hrs. Historical development of newspapers in the United States. Analysis of the influence of newspapers on the development of America.

452. **Press and Society.** 3 hrs. Roles and responsibilities of mass media in society. Critique of mass media performance. Media codes and controls on the media.

460. **Law of the Press.** 3 hrs. Legal rights and constraints of the press; libel, privacy, copyright, monopoly, contempt, and other aspects of the law applied to mass communication.

470. **Newspaper Organization and Management.** 3 hrs. Study of the interrelationships of the various departments in newspaper organizations of varying circulation sizes and management techniques used to direct their activities.

480. **Seminar in Journalism.** 3 hrs. Examination of theoretical concepts in journalism and the setting for their application. May be repeated for maximum 6 hrs. credit.

492. **Special Problems.** 1-3 hrs.

LIBRARY SCIENCE (LS—170)

101. **Introduction to the Library.** 1 hr. Basic course in keys to information resources. May not be used for a major in library science.

201. **Introduction to Library Resources and Usage.** 3 hrs. A survey of library resources as well as methods and techniques for effective utilization of library materials and services. May not be used for a major in library science.

401. **Introduction to Reference Resources and Services.** 3 hrs. An introduction to reference materials, services, activities, and functions as well as methods for locating information.

405. **Cataloging and Classification I.** 3 hrs. Principles and methods of cataloging and classifying library materials. Provides practice in bibliographical description and subject analysis.

406. **Cataloging and Classification II.** 3 hrs. Prerequisite: LS 405. Advanced study of the principles and methods of descriptive and subject cataloging and classification with attention to non-print materials.

408. **Administration of Library-Media Centers I.** 3 hrs. A survey of the objectives, functions, and organization of the library-media center in elementary and secondary schools.

409. **Administration of Library-Media Centers II.** 3 hrs. Prerequisite: LS 408. Advanced study of school library media programs with emphasis on the application of administrative principles to planning, budgeting, staffing, and evaluation.

411. **Development of Multi-Media Collections.** 3 hrs. Principles governing the selections and procurement of all types of library materials, including the use of selection aids and bibliographic sources.

+ 416. **Utilization of Audiovisual Media and Equipment.** 3 hrs. A survey of media resources and equipment with an emphasis on utilization in libraries. Provides experience with equipment.

417. **Literature and Related Media for Children.** 3 hrs. A survey of children's literature, traditional and modern, and other related materials for use by and with children of grades 1-6.

418. **Literature and Related Media for Adolescents.** 3 hrs. Study of adolescent literature and other related materials for use by and with young people of grades 7-12.

425. **Instructional Styles in Media Centers.** 3 hrs. The assessment of individualized styles of instruction in school library media centers.

426. **Film and Television in Media Programs.** 3 hrs. The conceptualization, production, critiquing, and effective utilization of film and video in planning library services and related activities.

+ 489. **Library Practicum.** 1-4 hrs. arr. Supervised work in a library to provide the student with operational library experience.

490. **Instructional Television Workshop.** Planning, organization, and use of instructional television in school media center programs.

491. **School Media Center Administration Workshop.** 3 hrs. Intensive workshop on problems of media center administration. May be taken twice.

492. **Special Problems in Librarianship.** 1-3 hrs. Individual investigation of topics to be approved by the dean.

493. **Public Libraries Workshop.** 3 hrs. Intensive workshop on public library services, programs, and administration.

MANAGEMENT (MGT—620)

360. **Fundamentals of Management.** 3 hrs. Introduction to planning, organizing, staffing, directing, and controlling production processes and human behavior in organizations, including the social, legal, and economic environments.

364. **Personnel Management.** 3 hrs. Emphasis on procuring, developing, maintaining, and utilizing an effective work force, within the current legal and social environment.

386. **Safety Management.** 3 hrs. A study of occupational accident prevention and current legislation regarding occupational health and safety.

454. **Human Relations.** 3 hrs. A study of individual and group interaction and behavior in organizations, including motivation, leadership and communication.

455. **Behavioral Issues in Organizations.** 3 hrs. An experiential study of organizational behavior with emphasis on development of leadership, communication, and motivational skills.

464. **Work Methods and Performance Standards.** 3 hrs. Prerequisite: ECO 301. Fundamentals of time study, job standards, and work methods improvement.

465. **Production and Operations Management.** 3 hrs. Prerequisite: ECO 301. Development of the I.M. functions of production planning and control, inventory control, quality control, and materials handling.

467. **Quantitative Methods in Management.** 3 hrs. Prerequisite: MAT 312. Development of the quantitative methods and techniques used in I.M.

468. **Compensation Administration.** 3 hrs. Prerequisite: MGT 360. Wage and salary administration including job analysis, incentive systems, wage survey, and fringe benefits.

472. **Labor Relations.** 3 hrs. An integrated study of current law, practice, and policy; cases and role playing.

476. **Managerial Systems Analysis.** 3 hrs. Management systems and procedures for improving managerial controls and reducing operating costs.

482. **Production Problems Seminar.** 3 hrs. Prerequisite: Background in industrial management. A case approach to such areas as selection and maintenance of equipment, product mix and quality, and production controls.

484. **Problems in Personnel Administration.** 3 hrs. Prerequisite: Background in personnel management. Case analysis, incidents, and role playing.

485. **Administrative Policy and Decision Making.** 3 hrs. Prerequisite: Completion of business core. A study of policies dealing with production, marketing, finance, and personnel. Case problems and a computer game are utilized.

492. **Special Problems.** 1-3 hrs. Prerequisite: Senior standing and consent of chairman. Directed research on approved topic of interest to the student.

496. **Small Business Consulting.** 3 hrs. Prerequisite: Completion of business core and consent of instructor. Actual problem solving in business.

499. **Seminar in Management in European Common Market Countries.** 3-6 hrs. Prerequisite: Consent of instructor. A series of lectures by selected European scholars and practitioners and discussion of topics relating to managerial problems in the private and public sectors of European Common Market Countries. Offered through the Institute of Anglo-American Studies.

MARKETING (MKT—625)

300. **Principles of Marketing.** 3 hrs. An integrated managerial-systems approach to the study of the marketing function in organizations. Development of marketing concepts, institutions, functions, and policies are analyzed within the framework of the competitive, legal, economic, and social environment.

322. **Creative Marketing.** 3 hrs. Prerequisite: MKT 300. An introductory course in problem-solving techniques which emphasizes creative problem-solving methodology, information processing strategies, and interpersonal behavior in task-oriented groups applied to marketing.

330. **Professional Selling.** 3 hrs. Prerequisite: MKT 300. An analysis of the ethics, functions, and techniques of professional selling using a behavioral and managerial approach.

342. **Principles of Retailing.** 3 hrs. The operation of retail stores including location, display, merchandise planning and control.

355. **Principles of Advertising.** 3 hrs. An introduction to the field of advertising including the background and social impact of today's advertising, media selection, copywriting, layout, visualization, and typography.

365. **Consumer Behavior.** 3 hrs. Prerequisite: MKT 300. Analysis of human behavior in the market place. Emphasis is placed on applying concepts from the social sciences to understanding consumer decision processes, buying patterns, and consumer research.

370. **Principles of Purchasing.** Prerequisite: MKT 300. An introduction to the principles of purchasing in industrial and nonprofit organizations.

380. **Industrial Marketing.** 3 hrs. Prerequisite: MKT 300. Special problems involved in marketing materials, equipment, and supplies to manufacturers, and other business firms.

390. **Logistics.** 3 hrs. Prerequisite: MKT 300. An introduction to the overall coordination and integration of all aspects of physical movement of goods to, from, and between locations to achieve a firm's marketing objectives.

410. **Contract Negotiation and Administration.** 3 hrs. Prerequisites: MKT 300, MKT 370, GBA 295. A study of the principles and procedures for negotiating and administering purchase contracts.

424. **Marketing Research.** 3 hrs. Prerequisite: MKT 300 and ECO 302. A study of the systems, methods, and procedures used in meeting the informational needs of managers in the marketing area for both quantitative and qualitative marketing data.

428. **Marketing Management.** 3 hrs. A comprehensive course designed to synthesize the more specialized marketing knowledge of the student, through the study of case histories.

430. **Sales Management.** 3 hrs. Prerequisites: MKT 300 and MKT 330. A study of the methods and procedures involved in selection, training, organization, compensation, supervision, and evaluation of the sales force, the sales force using the modified case method of instruction.

442. **Advanced Retailing.** 3 hrs. Prerequisite: MKT 300 and MKT 342. An examination of specific problem areas in retail innovations, spatial competition, and retail mix development.

455. **Advanced Advertising.** 3 hrs. Prerequisite: MKT 355. An application of the principles of advertising including areas in trademarks, packaging, research, campaigns, and direct advertising.

458. **Promotion Management.** 3 hrs. Prerequisite: MKT 355 or consent of instructor. A practical application and integration of the basic principles from the areas of advertising, personal selling, sales promotion, public relations, and publicity. A modified case approach is used in the course.

492. **Special Problems.** 1-3 hrs.

495. **International Marketing.** 3 hrs. Prerequisites: MKT 300 and MGT 360. The economic, political, and cultural aspects of international business operations.

499. **International Marketing Seminar.** 3-6 hrs. Prerequisite: Consent of instructor. A series of lectures by European academics and professionals on practices and problems in international marketing. Offered through the Institute of Anglo-American Studies.

MARRIAGE AND FAMILY LIFE (MFL—830)

150. **Social Competencies.** 2 hrs. A course designed to help the student develop competencies in social interaction. (JC 1111 or 1121)

151. **Personal Development and Interpersonal Relationships.** 3 hrs. Identifying student interests and problems arising out of the college life.

351. **Marriage and Family Living.** 3 hrs. Prerequisite: Junior or senior standing. A course designed to give better understanding of the factors that contribute to success and happiness in marriage.

451. **Seminar in Marriage Adjustments.** 3 hrs. Broad areas of marriage adjustment with emphasis on needs and interests of the group.

452. **Parenthood.** 3 hrs. Prerequisite: MFL 351 or permission of instructor. Preparation for parenthood. Family planning, role analysis, and family interaction.

490. **Field Work in Family Living.** 9 hrs. Designed to provide supervised experiences in a career oriented area.

492. **Special Problem in Marriage and Family Living.** 1-4 hrs. Prerequisites: MFL 351 and consent of instructor.

MATHEMATICS (MAT—350)

099. **Developmental Mathematics.** 3 hrs. Required of all entering freshmen with an ACT mathematics score of less than 12. Does not satisfy any University core or degree requirements.

101. **College Algebra.** 3 hrs. Polynomials, factoring, functions and graphs, linear and quadratic equations and inequalities. (JC 1313)

103. **Plane Trigonometry.** 3 hrs. Trigonometric functions and their inverses, trigonometric identities and equations, solutions of triangles, logarithms. (JC 1323)

111. **Mathematical Calculations.** 1 hr. Use of calculators to obtain numerical results through the application of a variety of basic mathematical formulas.

112. **Applied Algebra for Problem Solving.** 3 hrs. Prerequisite: MAT 101. Sets, relations, functions, graphs, logarithms, sequences, interest, equations, matrices, inequalities, linear programming. (JC 1333, 1423)

120. **Mathematics for the Arts and Humanities.** 3 hrs. Basic mathematical concepts from logic, algebra, probability, statistics, computers, and modern applications. (JC 1753)

The above courses are open only to freshmen. Other students desiring to take these courses must have approval from the chairman of the Mathematics Department.

133. **Trigonometry for Technology.** 3 hrs. Prerequisite: MAT 101. Basic concepts from trigonometry with specific applications to modern technology.

210. **Mathematics for Elementary Teachers I.** 3 hrs. Prerequisite: Acceptable score on the Mathematics Placement Test or CIE 100. The real number system and its major subsystems: natural numbers, integers, rational numbers. (Open only to elementary and special education majors.) (JC 1723)

236. **Introduction to Calculus in Technology.** 3 hrs. Prerequisites: MAT 103 or 133. Plane analytic geometry, differentiation and integration with applications to curvilinear motion, related rates, curve sketching and areas.

237. **Applications of Calculus in Technology.** 3 hrs. Prerequisite: MAT 236. Continuations of techniques of differentiation and integration. Areas, volumes, centroids, moments of inertia, and an introduction to first and second order differential equations.

276. **Calculus I with Analytic Geometry.** 3 hrs. Corequisite: MAT 103. Functions, limits, derivatives, application of the derivative, and selected topics from analytic geometry. (JC 1523, 1623, 1815, or 1823)

277. **Calculus II with Analytic Geometry.** 3 hrs. Prerequisite: MAT 276 or MAT 278. Definite and indefinite integrals, applications of the integral, transcendental functions, and selected topics from analytic geometry. (JC 1825, 1833, or 2223)

278. **Differential and Integral Calculus with Analytic Geometry I.** 5 hrs. Prerequisite: MAT 103. Functions, limits, derivatives and their applications, definite and indefinite integrals with applications, and selected topics from analytic geometry.

310. **Mathematics for Elementary Teachers II.** 3 hrs. Prerequisite: MAT 210. Basic concepts of algebra probability and statistics and informal geometry. (Open only to elementary and special education majors.)

312. **Applied Mathematics for Business Decision Making.** 3 hrs. Prerequisite: MAT 112. Elementary functions, differential and integral calculus with applications. (A student who receives credit for any other calculus course cannot use this course to satisfy any degree requirements.)

314. **Applied Mathematics for the Life Sciences.** 3 hrs. Prerequisite: MAT 103. An introduction to functions, graphs, sequences, series, continuity, differential and integral calculus, with applications to the life sciences.

320. **Introductory Probability and Mathematical Statistics.** 3 hrs. Prerequisite: MAT 276 or permission of instructor. Fundamental principles and techniques in probability and mathematical statistics.

326. **Linear Algebra I.** 3 hrs. Prerequisite: MAT 276. Vector spaces, systems of linear equations, linear transformations, matrices, inner products.

341. **Foundations of Mathematics.** 3 hrs. Prerequisite: Consent of instructor. Logic, set theory, relations, functions, cardinal numbers.

370. **Introductory Geometry.** 3 hrs. Introduction to elementary Euclidean geometry and formulas related to two and three-dimensional space.

377. **Differential and Integral Calculus with Analytic Geometry II.** 4 hrs. Prerequisite: MAT 277 or MAT 278. Transcendental functions, techniques of integration, infinite series, L'Hospital's rule, improper integrals, Taylor's formula, and selected topics from analytic geometry.

378. **Calculus III with Analytic Geometry.** 3 hrs. Prerequisite: MAT 277 or MAT 377. Techniques of integration, infinite series, l'Hospital's rule, improper integrals, Taylor's formula, and selected topics from analytical geometry.

379. **Multivariable Calculus.** 3 hrs. Prerequisite: MAT 377 or MAT 378. Differential calculus of several variables, directional derivatives, partial derivatives, the chain rule, extrema problems, double and triple integrals and their applications.

385. **Introduction to Differential Equations I.** 3 hrs. Prerequisite: MAT 378. Linear ordinary differential equations with applications; an introduction to power series solutions.

410. **Mathematics for Teachers of Junior High School Mathematics.** 3 hrs. Numbers and infinite sets, geometry, non-Euclidean geometry, coordinate geometry, trigonometry, functions, probability, statistics. (Open only to elementary and special education majors or as an elective for mathematics majors.)

411. **Vector Analysis.** 3 hrs. Prerequisite: MAT 379. Vector valued functions, space curves, line and surface integration, the divergence theorem, Green's and Stokes theorems.

415. **Introduction to Differential Equations II.** 3 hrs. Prerequisite: MAT 385. Systems of linear differential equations, operator methods, approximating solutions, Laplace transforms.

417. **Introduction to Partial Differential Equations.** 3 hrs. Prerequisite: MAT 385. Intergrability conditions, quasilinear equations, applications of physics, classification of second order equations and canonical forms, separation of variables.

418. **Linear Programming.** 3 hrs. Prerequisite: MAT 326. Convex sets, linear inequalities, extreme-point solutions, simplex procedure, applications.

419. **Optimization in Mathematical Programming.** 3 hrs. Prerequisites: MAT 326 and MAT 379. Selected topics in optimization from linear and nonlinear programming.

420. **Statistics and Probability.** 3 hrs. Prerequisites: MAT 341 and MAT 379. Random variables, probability functions, independent events, conditional probability, expectation, hypothesis testing.

421. **Number Theory.** 3 hrs. Prerequisite: MAT 341. Induction, well-ordering, division algorithm, Euclidean algorithm, Fundamental Theorem of arithmetic, number theoretic functions, congruences.

423. **Modern Algebra I.** 3 hrs. Prerequisite: MAT 341. Survey of standard algebraic systems: rings, integral domains, fields, modules, polynomial rings, fields of quotients.

424. **Modern Algebra II.** 3 hrs. Prerequisite: MAT 423. Elementary notions in groups, Fundamental Theorem of Finitely Generated Groups, permutation groups, quotient groups, the isomorphism theorems, applications of transformation groups.

425. **Fourier Series.** 3 hrs. Prerequisites: MAT 326 and MAT 385. Orthogonal functions, Fourier series, convergence and applications.

426. **Linear Algebra II.** 3 hrs. Prerequisite: MAT 326. Determinants, polynomials complex numbers, single linear transformations, orthogonal, unitary and symmetric linear transformations.

430. **Introduction to Applied Mathematics.** 3 hrs. Prerequisites: MAT 326, MAT 385, CSS 240. Applications of ordinary and partial differential equations to dynamical and electrical systems, heat transfer and diffusion problems.

435. **Laplace Transform.** 3 hrs. Corequisite: MAT 385. Transforms, inverse transforms, convolution theorem, differentiation and integration of transforms, applications to differential equations.

436. **Theory of Functions of Complex Variable I.** 3 hrs. Prerequisite: MAT 379. Complex numbers and functions, limits, continuity, differentiation, analytic function, branches, contour integration, series.

437. **Graph Theory.** 3 hrs. An introduction to graphs and a sampling of their numerous and diverse applications.

439. **Combinatorics.** 3 hrs. Prerequisites: MAT 326, 341, and either 377 or 378. Counting and enumeration techniques, inversion formulas and their applications, and counting schemata relative to permutations of objects.

441. **Advanced Calculus I.** 3 hrs. Prerequisites: MAT 379 and MAT 341. Point set theory, sequences, continuity, uniform continuity, limits, mean value theorems, L'Hospital's rule.

442. **Advanced Calculus II.** 3 hrs. Prerequisite: MAT 441. Riemann integration, Taylor's theorem, improper integrals, infinite series, uniform convergence.

460. **Numerical Analysis I.** 3 hrs. Prerequisites: MAT 326, MAT 379, CSS 240. Methods of solving equations and systems of equations, error analysis, difference equations.

461. **Numerical Analysis II.** 3 hrs. Prerequisites: MAT 385, MAT 460, CSS 340. Interpolating polynomial, numerical differentiation and integration, numerical solutions of differential equations, round off error.

473. **Metric Spaces.** 3 hrs. Prerequisite: MAT 341. Continuity, Hausdorff and countability axioms, products, Euclidean spaces, connectedness, compactness, Heine-Borel and Bolzano-Weirstrass theorems.

475. **General Topology I.** 3 hrs. Prerequisites: MAT 341 and MAT 378. General topological spaces, bases and subbases, continuity.

476. **General Topology II.** 3 hrs. Prerequisite: MAT 475. Connectedness, separation, axioms, countability axioms, compactness, metrizability.

492. **Special Problems I, II.** 1-3 hrs. Prerequisite: Approval of department chairman.

494. **Undergraduate Mathematics Seminars I, II.** 1 hr. Prerequisite: Consent of instructor. Topics of current interest.

MECHANICAL TECHNOLOGY (MET—397)

260. **Vector Statics.** 3 hrs. Corequisite: MAT 379. Forces in 2 and 3 dimensions, equilibrium, structures, friction. Vector calculus notation.

320. **Environmental Controls.** 3 hrs. Prerequisites: PHY 332, MET 323. Theory and practice of environmental control within closed spaces.

321. **Tools and Fixture Design.** 3 hrs. Prerequisite: INT 250. Design and fabrication of production tools, jigs, gages, etc., with emphasis on dimensional control.

322. **Applied Dynamics.** 3 hrs. Prerequisites: ACT 241, MAT 236. Fundamentals of dynamics; kinetics, periodic motion, and energy methods.

323. **Fluid Mechanics.** 3 hrs. Prerequisite: ACT 342. Fluid statics and applications of fluid dynamics principles to the analysis and design of fluid systems.

323-L. **Hydraulics Laboratory.** 1 hr.

330. **Applied Thermal Science I.** 3 hrs. Heat energy, heat flow, and basic HVAC principles.

330-L. **Applied Thermal Science I Laboratory.** 1 hr.

331. **HVAC Design I.** 3 hrs. Prerequisite: MET 330. Basic A/C principles and concepts as applied to large commercial systems.

332. **HVAC Design II.** 3 hrs. Prerequisite: MET 331. An advanced course in air conditioning systems design.

342-L. **Strength of Materials Laboratory.** 1 hr. Corequisite: ACT 342.

361. **Kinematics.** 3 hrs. Prerequisites: ACT 342, INT 250. Graphical and analytical analysis of mechanisms.

362. **Machine Design.** 3 hrs. Prerequisite: MET 361. Design and selection of mechanical elements used in machines.

392. **Special Problems.** 1-3 hrs. Prerequisites: Junior standing and approval of faculty adviser. Individual or group study in an area not covered by available courses.

400. **Senior Project.** 3 hrs. Prerequisite: Senior standing; approval of faculty adviser. Student required to complete a project in his area of specialization.

401. **Senior Project.** 3 hrs. Continuation of MET 400.

410. **Production Materials.** 3 hrs. Prerequisites: PSC 330, ACT 342. Study of properties of materials for cutting, drilling, forming, and heat treating operations.

411. **Industrial Testing.** 3 hrs. Prerequisite: ACT 342. Destructive and nondestructive testing of materials and structures.

441. **Mechanical Energy Systems.** 3 hrs. Prerequisite: PHY 332. Applications of thermodynamics to power producing devices.

444. **Solar Heating and Cooling.** 3 hrs. Solar energy conversion methods; collectors; residential, commerical heating and cooling, economics of solar energy. Total energy systems.

444-L. **Solar Heating and Cooling Laboratory.** 1 hr.

492. **Special Problems.** 1-3 hrs. Prerequisites: Senior standing and approval of faculty adviser. Supervised study in area not covered by available courses.

MEDICAL TECHNOLOGY (MTC—354)

101. **Introduction to Medical Technology.** 1 hr. An introduction for incoming students to the aims, objectives, and requirements for a career in medical technology.

302. **Clinical Bacteriology I.** 2 hrs. Prerequisites: MIC 101 and MIC 411 or permission of instructor. Evaluation of clinical specimens with regard to pathogenic microorganisms.

302-L. **Clinical Bacteriology I Laboratory.** 2 hrs.

306. **Fundamentals of Hematology.** 2 hrs. Prerequisite: Permission of instructor. An introduction to the study of blood and blood forming organs.

306-L. **Fundamentals of Hematology Laboratory.** 2 hrs.

309. **Clinical Chemistry I.** 2 hrs. Prerequisite: Permission of instructor. An introduction to the basic principles of clinical chemistry.

309-L. **Clinical Chemistry I Laboratory.** 2 hrs.

400. **Orientation and Ethics.** 1 hr. To acquaint the student with professional ethics in clinical laboratory science, the role of the medical technologist in health services, and requirements for completion of the professional phase (senior year) of the program.

401. **Urinalysis.** 2 hrs. Analysis of the physical, chemical, and microscopic parameters of urine with emphasis on understanding kidney function in diseases.

402. **Clinical Bacteriology II.** 5 hrs. Laboratory methods of isolation, identification, and other testing of pathogenic bacteria and their etiologic role in disease.

403. **Clinical Mycology.** 1 hr. The study of pathogenic fungi. Emphasis is placed on laboratory methods of isolation and identification.

404. **Clinical Virology.** 1 hr. The study of pathogenic viruses. Emphasis is placed on laboratory methods of isolation and identification of these agents of disease.

405. **Clinical Parasitology I.** 2 hrs. The study of medically significant protozoan and helminthic parasites and their vectors. Emphasis is placed on laboratory methods of detection and identification of these organisms.

406. **Hematology I.** 5 hrs. The study of blood cells and their abnormalities with emphasis on procedures of laboratory examination.

407. **Clinical Serology I.** 2 hrs. An introduction to serologic testing, theory, and practical experience involving antigen-antibody reactions in relation to disease in man.

408. **Blood Bank I.** 4 hrs. The theory and techniques of processing blood for transfusion purposes.

409. **Clinical Chemistry II.** 8 hrs. The qualitative and quantitative chemical analysis of blood, urine, cerebrospinal fluid, and other body fluids.

410. **Clinical Isotope Methodology.** 1 hr. An introduction to the handling and use of radioactive materials as they are used in the clinical laboratory.

411. **Cytogenetics.** 1 hr. Karotyping, dermatoglyphic patterns, and other techniques used in medical cytogenetics.

412. **Introduction to Pathology.** 2 hrs. Introduction to the physical and chemical alterations which take place in the human body in the diseased state.

450. **Research and Development for the Medical Technologist.** 1 hr. Clinical education at one of the affiliated hospital laboratories.

451. **Blood Collection and Urinalysis.** 1 hr. Clinical education at one of the affiliated hospital laboratories.

452. **Clinical Microbiology.** 4 hrs. Clinical education at one of the affiliated hospital laboratories.

455. **Clinical Parasitology II.** 1 hr. Clinical education at one of the affiliated hospital laboratories.

456. **Hematology II.** 3 hrs. Clinical education at one of the affiliated hospital laboratories.

457. **Clinical Serology II.** 1 hr. Clinical education at one of the affiliated hospital laboratories.

458. **Blood Bank II.** 3 hrs. Clinical education at one of the affiliated hospital laboratories.

459. **Clinical Chemistry III.** 4 hrs. Clinical education at one of the affiliated hospital laboratories.

492. **Special Problems in Medical Technology I, II, III, IV.** 2-8 hrs. Assignment of a specific clinical problem in medical technology under faculty direction.

MICROBIOLOGY (MIC—310)

101. **Introduction to Microbiology.** 2 hrs. Introduction to basic characteristics of microorganisms. A prerequisite for all courses except MIC 261 and MIC 401.

101-L. **Introduction to Microbiology Laboratory.** 2 hrs. Corequisite for MIC 101.

201. **Microorganisms in Health and Disease.** 4 hrs. A comprehensive survey of microorganisms of public health significance for nursing students.

261. **Microorganisms in Food.** 4 hrs. Microbiology of domestic and commercially prepared foods.

301. **Advanced General Microbiology.** 2 hrs. Current concepts in microbiology. Laboratory devoted to advanced techniques.

301-L. **Advanced General Microbiology Laboratory.** 2 hrs.

411. **Pathogenic Microbiology.** 2 hrs. Schemes for isolation and identification of major groups of disease-producing microorganisms.

411-L. **Pathogenic Microbiology Laboratory.** 2 hrs.

412. **Advanced Pathogenic Microbiology.** 2 hrs. Continuation of MIC 411 on an advanced level.

412-L. **Advanced Pathogenic Microbiology Laboratory.** 2 hrs.

413. **Medical Mycology.** 2 hrs. Prerequisite: Permission of instructor. Consideration of the fungi of medical significance.

413-L. **Medical Mycology Laboratory.** 1 hr.

421. **Virology and Tissue Culture.** 2 hrs. Survey of viruses and viral classification, including viral diseases, involving tissue culture techniques.

421-L. **Virology and Tissue Culture Laboratory.** 2 hrs.

422. **Viral Pathogenesis and Diagnosis.** 2 hrs. Host-Viral interaction from a pathological and immunological viewpoint with isolation and laboratory characterization.

422-L. **Viral Pathogenesis and Diagnosis Laboratory.** 2 hrs.

441. **Immunology and Serology.** 3 hrs. A study of the cellular, chemical, and genetic mechanisms of the immune response.

441-L. **Immunology and Serology Laboratory.** 1 hr. A laboratory introduction to cellular and serologic immune reactions and their diagnostic usefulness.

455. **Microbial Physiology.** 3 hrs. A comprehensive survey of bacterial structure, nutrition, and biochemistry.

455-L. **Microbial Physiology Laboratory.** 1 hr.

461. **Food Microbiology.** 2 hrs. Microorganisms affiliated with the preparation, spoilage, pathogenicity, and sanitation of foods.

461-L. **Food Microbiology Laboratory.** 2 hrs.

471. **Microbiology of Water, Sewage, and Industrial Waste.** 2 hrs. Control of pure water supply.

471-L. **Microbiology of Water, Sewage, and Industrial Waste Laboratory.** 2 hrs.

492. **Microbiological Problems I, II, III.** 2-6 hrs. Given only by special arrangement.

MILITARY SCIENCE (MS—276)

Basic Military Science

111. **The Eagle Challenge.** 2 hrs. Introduction to Military Science to include rappelling, marksmanship, and backpacking.

114. **Survival Skills.** 2 hrs. Introduction to "The Threat", the Soviet Military Posture, Rafting and Wilderness Training.

117. **Marksmanship.** 1 hr. A study of the necessary techniques for becoming a skilled marksman.

211. **Land Navigation.** 2 hrs. An introductory course in the fundamentals of land navigation with an emphasis on geographical terrain features and the use of the compass and a Leadership Assessment Program. The Leadership Assessment is a series of performance-based simulation exercises designed to assess leadership and managerial potential. Students are evaluated in communications, personal-motivational, decision-making, administrative and general supervisory skills. The program identifies individual strengths and weaknesses. It provides the student with guidance for further development in areas needing improvement.

214. **Introduction to Principles of Warfare.** 2 hrs. A study of the elementary principles of warfare and an introduction to leadership to include individual behavior and motivation.

250. **ROTC Basic Camp.** 1-3 hrs. Six weeks of training at Fort Knox, Kentucky, conducted during the summer months for students who did not complete advanced course prerequisites during the freshman or sophomore academic years.

Advanced Military Science

301. **Problems in Small Unit Leadership and Communications.** 4 hrs. Prerequisites: MS 111, 114, 211, 214 or 250 or approval of the Professor of Military Science. A study of military communications and the functional approach to small unit leadership.

302. **Small Unit Tactics and Methods of Instruction.** 4 hrs. Prerequisite: MS 111, 114, 211, 214 or 250 or approval of the Professor of Military Science. A study of military tactics and principles of instructions.

401. **Military Team I.** 4 hrs. Prerequisites: MS 301, 302, and approval of the Professor of Military Science. A study of combat operations, staff procedures, logistical planning, and military justice.

402. **Military Team II.** 4 hrs. Prerequisites: MS 301, 302, and approval of the Professor of Military Science. A study of the military aspects of world affairs, guerrilla warfare, administration, obligations, and responsibilities of an officer.

492. **Special Projects.** 1-3 hrs.

MUSIC (MUS—675)

100. **Introduction to Music Theory.** 3 hrs. An introductory course in the fundamentals of music theory. Open to all University students. Credit for this course may not be applied toward degrees in Music or Music Education.

101. **Music Theory.** 3 hrs. Prerequisite: MUS 100 or approval of instructor. Scales, intervals, and part-writing using triads, the dominant seventh chord, non-harmonic tones, modulation, dictation, and sight-singing. Concurrent registration in MUS 101-L required. (JC 1214)

101-L. **Music Theory Laboratory.** 0 hrs.

102. **Music Theory.** 3 hrs. Prerequisite: MUS 101. A continuation of MUS 101. Concurrent registration in MUS 102-L required. (JC 1224)

102-L. **Music Theory Laboratory.** 0 hrs.

103. **Introduction to Careers in Music and the Music Industry.** 2 hrs. Prerequisite: Permission of instructor. An introductory course to familiarize students with the many varied career opportunities within the music industry.

105. **Music Industry Seminar.** 1 hr. Prerequisite: Permission of instructor. A weekly seminar to keep students abreast of trends and current state of ever-changing business and music industry world.

131. **Introduction to Music Literature.** 2 hrs. A course dealing in listening skills, musical forms, styles, periods, and performing media. For majors in Music and Music Education only. (JC 1123, 2133, 2142, 2413, 2143, 2443, 2152, 2162)

201. **Advanced Music Theory.** 3 hrs. Prerequisite: MUS 102. Part-writing, including secondary seventh chords, borrowed chords, altered chords, foreign modulation, dictation, and sight-singing. Concurrent registration in MUS 201-L required. (JC 2214)

201-L. **Advanced Music Theory Laboratory.** 0 hrs.

202. **Advanced Music Theory.** 3 hrs. Prerequisite: MUS 201. A continuation of MUS 201. Concurrent registration in MUS 202-L required. (JC 2224)

202-L. **Advanced Music Theory Laboratory.** 0 hrs.

205. **Music Industry Seminar.** 1 hr. (to be taken twice). Prerequisite: MUS 105 or permission of instructor. A continuation of MUS 105.

231. **History of Music.** 3 hrs. Prerequisites: MUS 131 and MUS 102. Music in Western civilization traced from its primitive sources to the present. (JC 2113, 2313)

232. **History of Music.** 3 hrs. Prerequisites: MUS 231, and MUS 102. A continuation of MUS 231. (JC 2123, 2323)

301. **Twentieth-Century Harmony.** 2 hrs. Prerequisites: MUS 202 and MUS 302. Investigation of the various styles and harmonic elements of 20th-Century music, coupled with practical applications.

302. **Form and Analysis.** 2 hrs. Prerequisite: MUS 202. Music of various periods is analyzed formally, harmonically, and contrapuntally.

303. **Survey of Music Industry I.** 3 hrs. Prerequisite: MUS 103, MUS 105, MUS 205, or permission of instructor. An in-depth study of the music industry to include: the music store, musical instruments, music reproducing instruments, performance, and U.S. copyright laws.

304. **Survey of the Music Industry II.** 3 hrs. Prerequisite: MUS 303 or permission of instructor. Continuation of in-depth study of music industry to include: books and magazines dealing with music, publishing, recorded music, teaching of music, non-commercial music, and musical promotion.

311. **Composition.** 2 hrs. Prerequisites: MUS 301. Composition in the smaller forms. Contemporary and stylistic techniques. Steps in the preparation of music for publications are included.

321. **Counterpoint.** 2 hrs. Prerequisite: MUS 202 or permission of instructor. Two, three, and four-voice writing in the style of Palestrina.

322. **Counterpoint.** 2 hrs. Prerequisite: MUS 202 or permission of instructor. Two, three, and four-voice contrapuntal writing in the style of Bach.

351. **History of Church Music.** 3 hrs. History of Christian Church music, with emphasis on the use of literature.

360. **Stylistic Developments in Jazz.** 3 hrs. Study of the development of jazz idioms. Includes elements of jazz history leading to study of more complex idioms.

365. **The Enjoyment of Music.** 3 hrs. Study of the basic elements of music necessary for intelligent listening and appreciation. This course may not be applied toward a Bachelor of Music or Bachelor of Music Education degree, or a music minor.

367. **Improvisation.** 1 hr. Study and performance of jazz improvisation.

375. **Beginning Techniques of Scoring for Jazz Ensembles.** 2 hrs. Study in composing and arranging music for jazz ensembles.

376. **Intermediate Techniques of Scoring for Jazz Ensembles.** 2 hrs. A continuation of MUS 375.

400. **Music in Italy Today.** 3 hrs. Prerequisites: MUS 202 and MUS 232, and/or approval of instructor. A contemporary view of opera, orchestral, instrumental/chamber, and film music examining Italy's historical musical heritage in terms of its impact on current artistic trends.

401. **Instrumentation.** 3 hrs. Prerequisite: MUS 202. Study of the instruments of the band and orchestra. Scoring for instrumental ensembles.

405. **Music Industry Seminar.** 1 hr. (to be taken twice). Prerequisite: MUS 105, MUS 205, or permission of instructor. A continuation of MUS 205.

406. **Music Industry Internship.** 9 hrs. Prerequisite: MUS 103, MUS 304, MUS 405, or permission of instructor. A nine-week supervised internship in a professional setting in the music industry.

431. **History of Opera.** 3 hrs. The history of the musical theatre from Greek drama to the present. Open to non-music majors with consent of instructor.

432. **American Music.** 3 hrs. Study of the development of music in North America. Open to non-music majors with consent of instructor.

433. **20th-Century Music.** 3 hrs. Examination of musical trends since Debussy and Mahler. Open to non-music majors with consent of instructor.

434. **Ancient, Medieval, and Renaissance Music.** 3 hrs. A study of music in the ancient world, and of Western music from early Christian times through the sixteenth century. Open to non-majors with consent of instructor.

435. **Baroque Music.** 3 hrs. The development of musical styles and forms from Monteverdi through J.S. Bach. Open to non-music majors with the consent of instructor.

436. **18th-Century Music.** 3 hrs. The development of classical styles and forms, emphasis on style gallant, Empfindsamer Stil, and the Viennese classicists. Open to non-music majors with consent of instructor.

437. **19th-Century Music.** 3 hrs. The development of musical romanticism, emphasis on the expression of classical forms and the appearance of new stylistic concepts. Open to non-music majors with consent of instructor.

439. **Diction.** 3 hrs. Introduction to phonetics of various foreign languages for singing. May be repeated once. Second registration permitted only when languages emphasized are different.

440. **Vocal Literature.** 2 hrs. Survey of solo vocal literature from the Renaissance to the present. Emphasis upon style, interpretation, and presentation of solo materials for all voice classifications.

441. **Vocal Literature.** 2 hrs. A continuation of MUS 440.

442. **Piano Literature.** 2 hrs. Required of all senior piano majors.

443. **Piano Literature.** 2 hrs. A continuation of MUS 442.

444. **Organ Literature.** 2 hrs. Required of all organ majors.

445. **Organ Literature.** 2 hrs. A continuation of MUS 444.

446. **Instrumental Literature.** 2 hrs. Required of all senior instrumental majors.

447. **Instrumental Literature.** 2 hrs. A continuation of MUS 446.

448. **Choral Literature.** 2 hrs. A survey of accompanied and unaccompanied choral music from Gregorian chant through Handel.

449. **Choral Literature.** 2 hrs. A continuation of MUS 448.

450. **Symphonic Literature.** 3 hrs. History and literature of the symphony orchestra from 1600 to the present. Open to non-music majors with consent of instructor.

451. **Chamber Music Literature.** 3 hrs. A survey of music for small instrumental ensembles. Open to non-music majors with consent of instructor.

452. **Band Literature I.** 2 hrs. A survey of band literature, grades I through IV.

455. **Arranging for the Marching Band.** 2 hrs. Designed to provide the arranger with the essential techniques of scoring for the outdoor band.

456. **Choral Arranging.** 2 hrs. Basic concepts and techniques of scoring for voices, with emphasis on arranging rather than on original compositions for chorus.

459. **Church Music Colloquium.** 3 hrs. Philosophies of church music as well as administration, liturgies, and related materials will be studied.

462. **Hymnology.** 3 hrs. History of the Christian hymn from its roots to present-day form.

467. **Improvisation.** 1 hr. A continuation of MUS 367.

468. **Improvisation.** 1 hr. A continuation of MUS 467.

470. **Organization and Management of Jazz Ensembles.** 3 hrs. Studies in general management of commerical and academically-oriented jazz groups.

475. **Advanced Techniques of Scoring for Jazz Ensembles.** 2 hrs. A continuation of MUS 376.

476. **Advanced Techniques of Scoring for Jazz Ensembles.** 2 hrs. A continuation of MUS 475.

480. **Music in Britain Today.** 6 hrs. Prerequisite: MUS 202 and MUS 232, and/or approval of instructor. A contemporary view of opera, orchestral, instrumental/chamber, and popular music examining Britain's historical musical heritage in terms of its impact on current artistic trends.

492. **Special Problems.** 1-3 hrs. Prerequisite: Permission of department chairman.

MUSIC—APPLIED AND ORGANIZATIONS (APM—670)

First Year

101-102. **Piano.** 1-3 hrs.

111-112. **Organ.** 1-3 hrs.

114-115. **Flute.** 1-3 hrs.

117-118. **Oboe.** 1-3 hrs.

120-121. **Clarinet.** 1-3 hrs.

123-124. **Saxophone.** 1-3 hrs.

126-127. **Bassoon.** 1-3 hrs.

129-130. **Horn** 1-3 hrs.

132-133. **Trumpet.** 1-3 hrs.

135-136. **Trombone.** 1-3 hrs.

138-139. **Euphonium.** 1-3 hrs.

141-142. **Tuba.** 1-3 hrs.

144-145. **Violin.** 1-3 hrs.

147-148. **Viola.** 1-3 hrs.

150-151. **Cello.** 1-3 hrs.

153-154. **String Bass.** 1-3 hrs.

156-157. **Percussion.** 1-3 hrs.

161-162. **Voice.**

164-165. **Harp.** 1-3 hrs.

167-168. **Guitar.** 1-3 hrs.

171-172. **Chamber Music.** 1 hr.

181. **Orchestra.** 1 hr. (May be taken two times)

182. **Band.** 1 hr. (May be taken two times) (JC 1111, 1121)

183. **Chorus.** 1 hr. (May be taken two times) (JC 1211, 1221)

184. **Jazz Lab Band.** 1 hr. (May be taken two times)

185. **Collegium Musicum.** 1 hr. (May be taken two times)

186. **Women's Chorus.** 1 hr. (May be taken two times)

187. **Men's Chorus.** 1 hr. (May be taken two times)

188. **University Singers.** 1 hr. (May be taken two times)

189. **Chamber Singers.** 1 hr. An ensemble functioning in various ways such as madrigal singers, jazz choir, opera chorus. (May be taken two times.)

191-192. **Composition.** 1-3 hrs.

199. **Recital Class.** 0 hrs. (Two semesters)

Second Year

201-202. **Piano.** 1-3 hrs.

211-212. **Organ.** 1-3 hrs.

214-215. **Flute.** 1-3 hrs.

217-218. **Oboe.** 1-3 hrs.

220-221. **Clarinet.** 1-3 hrs.

223-224. **Saxophone.** 1-3 hrs.

226-227. **Bassoon.** 1-3 hrs.

229-230. **Horn.** 1-3 hrs.

232-233. **Trumpet.** 1-3 hrs.

235-236. **Trombone.** 1-3 hrs.

238-239. **Euphonium.** 1-3 hrs.

241-242. **Tuba.** 1-3 hrs.

244-245. **Violin.** 1-3 hrs.

247-248. **Viola.** 1-3 hrs.

250-251. **Cello.** 1-3 hrs.

253-254. **String Bass.** 1-3 hrs.

256-257. **Percussion.** 1-3 hrs.

261-262. **Voice.**

264-265. **Harp.** 1-3 hrs.

267-268. **Guitar.** 1-3 hrs.

271-272. **Chamber Music.** 1 hr.

281. **Orchestra.** 1 hr. (May be taken two times)

282. **Band.** 1 hr. (May be taken two times) (JC 2111, 2121)

283. **Chorus.** 1 hr. (May be taken two times) (JC 2211, 2221)

284. **Jazz Lab Band.** 1 hr. (May be taken two times)

285. **Collegium Musicum.** 1 hr. (May be taken two times)

286. **Woman's Chorus.** 1 hr. (May be taken two times)

287. **Men's Chorus.** 1 hr. (May be taken two times)

288. **University Singers.** 1 hr. (May be taken two times)

289. **Chamber Singers.** 1 hr. An ensemble functioning in various ways such as madrigal singers, jazz choir, opera chorus. (May be taken two times.)

291-292. **Composition.** 1-3 hrs.

299. **Recital Class.** 0 hrs. (Two semesters)

Third Year

301-302. **Piano.** 1-3 hrs.

311-312. **Organ.** 1-3 hrs.

314-315. **Flute.** 1-3 hrs.

317-318. **Oboe.** 1-3 hrs.

320-321. **Clarinet.** 1-3 hrs.

323-324. **Saxophone.** 1-3 hrs.

326-327. **Bassoon.** 1-3 hrs.

329-330. **Horn.** 1-3 hrs.

332-333. **Trumpet.** 1-3 hrs.

335-336. **Trombone.** 1-3 hrs.

338-339. **Euphonium.** 1-3 hrs.

341-342. **Tuba.** 1-3 hrs.

344-345. **Violin.** 1-3 hrs.

347-348. **Viola.** 1-3 hrs.

350-351. **Cello.** 1-3 hrs.

353-354. **String Bass.** 1-3 hrs.

356-357. **Percussion.** 1-3 hrs.

361-362. **Voice.** 1-3 hrs.

364-365. **Harp.** 1-3 hrs.

367-368. **Guitar.** 1-3 hrs.

370. **Recital.** 0-1 hr.

371-372. **Chamber Music.** 1 hr.

375-376. **Accompanying.** 1 hr.

381. **Orchestra.** 1 hr. (May be taken two times)

382. **Band.** 1 hr. (May be taken two times)

383. **Chorus.** 1 hr. (May be taken two times)

384. **Jazz Lab Band.** 1 hr. (May be taken two times)

385. **Collegium Musicum.** 1 hr. (May be taken two times)

386. **Women's Chorus.** 1 hr. (May be taken two times)

387. **Men's Chorus.** 1 hr. (May be taken two times)

388. **University Singers.** 1 hr. (May be taken two times)

389. **Chamber Singers.** 1 hr. An ensemble functioning in various ways such as madrigal singers, jazz choir, opera chorus. (May be taken two times.)

390. **Opera Theatre.** 1 hr.

391-392. **Composition.** 1-3 hrs.

399. **Recital Class.** 0 hrs. (Two semesters)

Fourth Year

401-402. **Piano.** 1-3 hrs.

411-412. **Organ.** 1-3 hrs.

414-415. **Flute.** 1-3 hrs.

417-418. **Oboe.** 1-3 hrs.

420-421. **Clarinet.** 1-3 hrs.

423-424. **Saxophone.** 1-3 hrs.

426-427. **Bassoon.** 1-3 hrs.

429-430. **Horn.** 1-3 hrs.

432-433. **Trumpet.** 1-3 hrs.

435-436. **Trombone.** 1-3 hrs.

438-439. **Euphonium.** 1-3 hrs.

441-442. **Tuba.** 1-3 hrs.

444-445. **Violin.** 1-3 hrs.

447-448. **Viola.** 1-3 hrs.

450-451. **Cello.** 1-3 hrs.

453-454. **String Bass.** 1-3 hrs.

456-457. **Percussion.** 1-3 hrs.

461-462. **Voice.** 1-3 hrs.

464-465. **Harp.** 1-3 hrs.

467-468. **Guitar.** 1-3 hrs.

470. **Recital.** 1-2 hrs.

471-472. **Chamber Music.** 1 hr.

475-476. **Accompanying.** 1 hr.

481. **Orchestra.** 1 hr. (May be taken two times)

482. **Band.** 1 hr. (May be taken two times)

483. **Chorus.** 1 hr. (May be taken two times)

484. **Jazz Lab Band.** 1 hr. (May be taken two times)

485. **Collegium Musicum.** 1 hr. (May be taken two times)

486. **Women's Chorus.** 1 hr. (May be taken two times)

487. **Men's Chorus.** 1 hr. (May be taken two times)

488. **University Singers.** 1 hr. (May be taken two times)

489. **Chamber Singers.** 1 hr. An ensemble functioning in various ways such as madrigal singers, jazz choir, opera chorus. (May be taken two times.)

490. **Opera Theatre.** 1 hr.

491-492. **Composition.** 1-3 hrs.

499. **Recital Class.** 0 hrs. (Two semesters)

MUSIC EDUCATION (MED—680)

101. **Class Piano I.** 2 hrs. Beginning class instruction in piano.

102. **Class Piano II.** 2 hrs. Prerequisite: MED 101 or permission of instructor. Intermediate class instruction in piano.

219. **Guitar Class I.** 1 hr. Class instruction in guitar for beginners.

220. **Guitar Class II.** 1 hr. Prerequisite: MED 219 or approval of instructor. Intermediate class instruction in guitar.

221. **String Class.** 1 hr. Practical class instruction on all strings. Problems of beginning students; material for public school classes.

222. **String Class.** 1 hr. A continuation of MED 221.

301. **Voice Class.** 2 hrs. Designed to give the instrumental major a general knowledge of vocal and choral techniques.

311. **Elementary Music Methods.** 3 hrs. Music education programs for the elementary student. Emphasis is placed on the total curriculum.

312. **Secondary Music Methods.** 3 hrs. Prerequisite: MED 311. Consideration of the secondary music program. Special attention is given to the development of a balanced curriculum.

321. **String Methods.** 1 hr. Instruction on all strings for students not following the curriculum in instrumental music education.

322. **Woodwind Methods.** 1 hr. Instruction on clarinet, flute, oboe, and bassoon for students not following the curriculum in instrumental music education.

323. **Brass Methods.** 1 hr. Instruction on all brasses for students not following the curriculum in instrumental music education.

331. **Conducting.** 1 hr. Prerequisites: MUS 202, or consent of instructor. Techniques of choral and instrumental conducting.

332. **Instrumental Conducting.** 2 hrs. A continuation of MED 331. Emphasis on techniques used in conducting instrumental ensembles.

333. **Choral Conducting.** 2 hrs. A continuation of MED 331. Emphasis on techniques used in conducting choral ensembles.

361. **Music for Elementary Teachers I.** 3 hrs. Designed to provide students with a basic knowledge of notation, singing, and the use of the autoharp and piano. Credit for this course may not be applied toward degrees in Music or Music Education.

382. **Recreational Music.** 3 hrs. Prerequisite: MED 361 or consent of instructor. Materials and techniques useful in developing recreational music programs.

390. **Piano Workshop.** 2 hrs. Designed to meet the needs of the piano teacher, including a survey of materials and modern teaching methods. Credit for this course may not be applied toward degrees in Music and Music Education.

391. **Instrumental Workshop.** 2 hrs. Survey and analysis of problems relating to instrumental music education through lecture, performance, and discussion. Credit for this course may not be applied toward degrees in Music and Music Education.

392. **Choral Workshop.** 2 hrs. Examination, study, and analysis of choral techniques and procedures. Credit for this course may not be applied toward degrees in Music and Music Education.

393. **Elementary Music Workshop.** 2 hrs. Intensive examination of current problems, trends, and materials in elementary music education. Credit for this course may not be applied toward degrees in Music and Music Education.

395. **Instrumental Conductors Conference.** 2 hrs. Survey and analysis of problems relating to instrumental music. Credit for this course may not be applied toward degrees in Music and Music Education. May be taken three times (total of 6 hours).

396. **Choral Conductors Conference.** 2 hrs. Survey and analysis of choral techniques. Credit for this course may not be applied toward degrees in Music and Music Education.

411. **Choral Methods and Curriculum Problems.** 3 hrs. Organization and administration of choral activities in secondary schools.

412. **Instrumental Methods and Curriculum Problems.** 3 hrs. Techniques of developing successful marching/concert bands and orchestras. Emphasis on current trends in music education.

421. **Woodwind Class.** 1 hr. Study of basic techniques in the pedagogy of all major woodwind instruments.

422. **Woodwind Class.** 1 hr. A continuation of MED 421.

423. **Organ Construction and Design.** 3 hrs. Study of basic elements of organ building and registration.

424. **Instrument Repair.** 3 hrs. Practical experience in preventive maintainance and minor repair and adjustment of string, woodwind, brass, and percussion instruments.

425. **Brass Class.** 1 hr. Study of basic techniques in the pedagogy of all brass instruments.

426. **Brass Class.** 1 hr. A continuation of MED 425.

427. **Percussion Class.** 1 hr. Review of percussion texts, techniques, and pedagogy. Percussion majors may substitute a brass, string, or woodwind minor instrument for MED 427.

428. **Percussion Class.** 1 hr. A continuation of MED 427.

429. **Piano Tuning and Repair.** 3 hrs. Prerequisite: Approval of instructor. Study of basic technique of tuning and repairing pianos.

439. **Vocal Techniques and Materials.** 3 hrs. Techniques and procedures for teaching correct vocal production habits; examination of choral literature for secondary and collegiate groups.

440. **Music Education in the Elementary Schools.** 3 hrs. Prerequisites: MED 311, 312. An in-depth course which examines current techniques and methods of music programs in upper and lower elementary grades.

450. **Vocal Pedogogy.** 2 hrs. Techniques, practices, and materials used in teaching voice; practical experience in teaching voice.

451. **Vocal Pedagogy.** 2 hrs. Prerequisite: MED 450. A continuation of MED 450.

452. **Piano Pedagogy.** 2 hrs. Modern methods of teaching; lectures, observation of private and class lessons; teaching piano to adults. Required of all senior piano majors.

453. **Piano Pedagogy.** 2 hrs. A continuation of MED 452.

454. **Organ Pedagogy.** 2 hrs. Required of all senior organ majors.

455. **Organ Pedagogy.** 2 hrs. A continuation of MED 454.

456. **String Pedagogy.** 2 hrs. Requried of all senior string majors.

457. **String Pedagogy.** 2 hrs. A continuation of MED 456.

458. **Wind Pedagogy.** 2 hrs. Required of all senior wind majors.

459. **Wind Pedagogy.** 2 hrs. A continuation of MED 458.

462. **Music for Elementary Teachers II.** 3 hrs. Prerequisite: MED 361. Application of the fundamental skills of MED 361 in the selection of music materials and methods of presentation. Credit for this course may not be applied toward degrees in Music and Music Education.

490. **Piano Workshop.** 2 hrs. A continuation of MED 390. Credit for this course may not be applied toward degrees in Music and Music Education.

491. **Instrumental Workshop.** 2 hrs. A continuation of MED 391. Credit for this course may not be applied toward degrees in Music and Music Education.

492. **Choral Workshop.** 2 hrs. A continuation of MED 392. Credit for this course may not be applied toward degrees in Music and Music Education.

493. **Elementary Music Workshop.** 2 hrs. A continuation of MED 393. Credit for this course may not be applied toward degrees in Music or Music Education.

495. **Instrumental Conductors Conference.** 2 hrs. Survey and analysis of problems relating to instrumental music. Credit for this course may not be applied toward degrees in Music and Music Education. May be taken three times (total of 6 hours).

496. **Choral Conductors Conference.** 2 hrs. Survey and analysis of choral techniques. Credit for this course may not be applied toward degrees in Music and Music Education. May be taken three times (total of 6 hours).

NURSING (NSG—070)

NOTE: Students will be guided by their nursing adviser in the sequence of courses and their prerequisites.

300. **Nursing as a Profession.** 3 hrs. Historical and contemporary roles of health care providers and requirements for practice.

+ 304. **Nursing to Promote Health in the Life Cycle.** 4 hrs. Prerequisites: NSG 300, 311-L. Corequisite: NSG 314-L. An integration of sciences into nursing with the focus promotion of health during the life cycle.

307. **Commonalities in Nursing Practice.** 4 hrs. Permission of instructor. Understanding of common factors permeating all areas of nursing practice.

308. **Pathophysiology and Pharmacology.** 6 hrs. Prerequisite: Permission of instructor. Understanding effects of pathology on body processes. Understanding of the effects of drugs on body functions.

309. **Nursing Throughout the Life Cycle.** 10 hrs. Prerequisite: Permission of instructor. Understanding of nursing care for acute and recoverable disease through all phases of the life cycle.

310. **Nursing of Individuals with Prolonged Illnesses.** 10 hrs. Prerequisite: Permission of instructor. Understanding of nursing knowledge for persons experiencing diseases of undetermined origin and long-term illnesses.

311-L. **Fundamentals of Nursing Technology.** 2 hrs. Prerequisite: Admission to nursing program. Prerequisites/Corequisites: BIO 110, 220, 221, and MIC 401. Simulated situations serve as a basis for teaching selected technical skills utilized in the practice of nursing.

314-L. **Practicum: Nursing to Promote Health in the Life Cycle.** 6 hrs. Prerequisites: NSG 300, 311-L. Corequisite: NSG 304. The application of self-care practices and technologies in a clinical setting utilizing the nursing process.

324. **Nursing in the Treatment and Recovery of Disease.** 4 hrs. Prerequisites: NSG 304, 344, 351. Corequisite: NSG 334-L. The development of nursing agency to assist during the processes of active treatment of, and recovery from, a disease disorder of determined origin.

334-L. **Practicum: Nursing in the Treatment and Recovery of Disease.** 6 hrs. Prerequisites: NSG 314-L, 344, and 351. Corequisite: NSG 324. The application of nursing agency with individuals who are experiencing active treatment or recovery of disease of determined origin.

344. **Health Deviations.** 4 hrs. Prerequisite: Admission to nursing program. Prerequisites/Corequisites: CHE 102, BIO 110, 220, 221, and MIC 401. An analysis of altered body physiology in health deviations.

351. **Introduction to Pharmacology in Nursing.** 2 hrs. Prerequisites/Corequisites: CHE 102, BIO 110, 220, 221. An overview of the parameters of pharmacology and the pharmacodynamics of various drugs.

401. **Issues for RN Students.** 2 hrs. Prerequisites: Admission to nursing program and all non-nursing courses except PSY 360. An exploration of issues by the registered nurse for re-assumption of the student role.

403. **Approaches to Nursing.** 4 hrs. Prerequisites: Admission to nursing program and all non-nursing courses except PSY 360. Personal, philosophical, and theoretical approaches to nursing.

404. **Nursing in Illness of Undetermined and Developmental Origin.** 4 hrs. Prerequisites: NSG 324, PSY 436, GEN 451. Corequisite: 414-L. The development of nursing agency to assist individuals with illness of an undetermined origin, of a developmental nature, or with biological immaturity.

405. **Nursing Theory in Primary Prevention.** 3 hrs. Prerequisites: NSG 401, 403. Explores primary prevention as it relates to the individual, family, and community.

414-L. **Practicum: Nursing in Illness of Undetermined and Developmental Origin.** 6 hrs. Prerequisite: NSG 334-L. Corequisite: NSG 404. The application of nursing agency with individuals who are experiencing an illness of undetermined origin, of a developmental nature, or with biologic immaturity.

415-L. **Primary Prevention in the Community.** 4 hrs. Prerequisite/Corequisite: NSG 405. Applying primary prevention technologies in a community setting.

+ 424. **Nursing to Promote Integrated Functioning.** 4 hrs. Prerequisite: NSG 404. Corequisite: NSG 434-L. The adaptation of nursing agency to assist individuals and families manifesting needs for restoration, stabilization, or control of integrated functioning.

425. **Theoretical Approach to Acute and Long-Term Care.** 3 hrs. Prerequisite: NSG 415-L. Analysis and planning for secondary and tertiary prevention in a community setting.

434-L. **Practicum: Nursing to Promote Integrated Functioning.** 6 hrs. Prerequisites: NSG 414-L, 444. Corequisite: NSG 424. The application of nursing agency to assist individuals in the restoration, stabilization, or control of integrated functioning.

435-L. **Acute and Long-Term Prevention in the Community.** 4 hrs. Prerequisite: NSG 444. Prerequisite/Corequisite: NSG 425. Application of nursing technologies to secondary and tertiary prevention in the community.

444. **Professional Dimensions of Nursing I.** 4 hrs. Prerequisites: NSG 334-L, ENG 333. Corequisite: PSY 360. An in-depth focus on the professional components of nursing.

451. **Nursing Leadership and Management.** 3 hrs. Elective. Designed to enrich the student's knowledge of nursing leadership and management within the framework of health care facilities.

452. **Teaching in Nursing.** 3 hrs. Elective. Basic principles of learning and teaching as applied to nursing.

454. **Professional Dimensions of Nursing II.** 4 hrs. Prerequisite: NSG 444. A continuation of professional dimensions of Nursing I, with an expanded focus on the professional components of nursing.

462-L. **Enhancement of Individual Nursing Agency.** 3 hrs. Prerequisites: All nursing curriculum requirements except NSG 424, 434-L, 454. Development of nursing agency in an area of clinical interest of the student's choice.

492. **Directed Study of Nursing.** 1-6 hrs. On approval of department chairman.

PHILOSOPHY (PHI—284)

HUM 316. **Impact of Science on History.** May also be offered for credit as a philosophy course.

HUM 380. **History of Philosophy.** May also be offered for credit as a philosophy course.

151. **Introduction to Philosophy.** 3 hrs. An introduction to the methods and major themes of philosophy. (JC 2113, 2123)

253. **Logic.** 3 hrs. An introduction to induction, deduction, fallacies, scientific method, and symbolic logic. (JC 2713)

310. **Classical Philosophy.** 3 hrs. An outline survey of Greek philosophical thought.

312. **Modern Philosophy.** 3 hrs. Survey of 17th and 18th century European philosophy.

352. **Oriental Philosophy.** 3 hrs. A survey of the philosophical thought of India and the Far East.

353. **Study of a Major Philosopher.** 3 hrs. May be repeated for credit to a total of nine hours. A detailed examination of a selected philosopher.

354. **Theories of Knowledge.** 3 hrs. An examination of classical and contemporary theories in epistemology.

356. **Ethics.** 3 hrs. An examination of classical and contemporary moral theory.

372. **Philosophy of Religion.** 3 hrs. An examination of classical problems in philosophical theology.

406. **Philosophy of Man.** 3 hrs. Philosophical consideration of the nature of man including topics in philosophical anthropology and philosophy of mind.

415. **Philosophy for Teachers of Children.** 3 hrs. Survey and development of the materials and skills to teach children philosophically.

420. **Metaphysics.** 3 hrs. Analysis of classical and contemporary problems in metaphysics.

436. **Aesthetics.** 3 hrs. Philosophical analysis of theories of art and beauty.

440. **American Philosophy.** 3 hrs. Survey of the development of philosophy in America and major American philosophers.

450. **Existentialism and Phenomenology.** 3 hrs. An examination of the central themes in contemporary European existentialism and phenomenology.

451. **Political Philosophy.** 3 hrs. The major schools of political philosophy from classical to contemporary times.

452. **Philosophy of Health Care.** 3 hrs. An examination of various conceptual and ethical issues in the health care professions.

453. **Philosophy of Law.** 3 hrs. An inquiry into theories of law.

456. **Philosophy of Science.** 3 hrs. Examination of the foundations of science and scientific explanation.

458. **Symbolic Logic.** 3 hrs. The basic theory and operations of the propositional calculus, quantification, and the logic of relations.

460. **Analytic Philosophy.** 3 hrs. An examination of the central themes in contemporary British-American analytic philosophy.

482. **General Value Inquiry.** 3 hrs. Emphasizes activities and theory in 3 major areas: values clarification; moral development; and ethical reasoning.

492. **Special Problems.** 3 hrs. A problem study to be approved by the department chairman. May be taken for a total of nine hours.

499. **British Studies: Philosophy.** 3-6 hrs. An introduction to the language and techniques of philosophy relevant to practical, critical problems.

PHYSICAL EDUCATION (PED—730)

100. **Aerobics.** 1 hr.

105. **Concepts in Physical Fitness.** 2 hrs.

118. **Team Sports.** 1 hr.

119. **Beginning Volleyball.** 1 hr.

130. **Four Wall Sports.** 1 hr.

131. **Fencing.** 1 hr.

132. **Beginning Badminton.** 1 hr.

133. **Beginning Archery.** 1 hr.

134. **Beginning Golf.** 1 hr.

135. **Beginning Yoga.** 1 hr.

+ 136. **Bowling.** 1 hr.

140. **Bicycling.** 1 hr.

141. **Beginning Tennis.** 1 hr.

142. **Snow Skiing.** 1 hr.

143. **Roller Dance Skating.** 1 hr.

146. **Developmental Skills.** 1 hr. PED majors or minors only.

147. **Developmental Skills.** 1 hr. PED majors or minors only.

148. **Developmental Skills.** 1 hr. PED majors or minors only.

150. **Tumbling, Beam, and Floor Exercises.** 1 hr.

151. **Tumbling, Uneven Parallel Bars, and Vaulting.** 1 hr.

152. **Men's Beginning Gymnastics Apparatus.** 1 hr.

153. **Beginning Trampoline.** 1 hr.

160. **Beginning Swimming.** 1 hr.

163. **Aquatic Sports.** 1 hr.

170. **Sport Judo.** 1 hr.

181. **Beginning Social Dance.** 1 hr.

184. **Beginning Square Dance.** 1 hr.

218. **Officiating Techniques in Women's Sports.** 3 hrs.

220. **Introduction to Health and Physical Education.** 3 hrs. Survey of the areas of health and physical education.

250. **Women's Intermediate Gymnastics Apparatus.** 1 hr.

284. **Creative Rhythms.** 3 hrs.

301. **Kinesiology.** 3 hrs. Analysis of movement in body mechanics.

303. **Evaluation in Health and Physical Education.** 3 hrs. Administration and interpretation of tests in health, physical fitness, and skills.

310. **Special Topics Seminar.** 1 hr.

314. **Instructional Techniques in Team Sports.** 3 hrs.

320. **Preschool and Primary School Physical Education.** 3 hrs. An introduction to philosophy, objectives, methods, and curriculum content.

321. **Elementary and Middle School Physical Education.** 3 hrs. Philosophy, objectives, methods, and curriculum.

323. **Efficiency of Human Movement.** 3 hrs. A study of the mechanical principles affecting human movement.

326. **Instructional Techniques in Individual and Dual Sports.** 3 hrs.

334. **Golf.** 1 hr.

341. **Tennis.** 1 hr.

360. **Theory of Teaching Swimming and Diving.** 2 hrs. Organization and administration of the community swimming program.

361. **Swimming for the Disabled.** 1 hr. The development of techniques and activities in teaching the disabled to swim.

370. **Advanced Sport Judo.** 1 hr.

380. **Creative Rhythms for the Disabled.** 1 hr. The development of techniques and activities used in teaching rhythms and dance to the disabled.

401. **Corrective, Adaptive, and Developmental Physical Education.** 3 hrs. Recognition of, and corrective exercises for, functional abnormalities.

402. **Physiology of Exercise.** 3 hrs. Prerequisite: HSE 315. A study of the physiological changes which occur in the body during muscular activity.

403. **Fundamental Motor Patterns.** 3 hrs. An analysis of the fundamental motor patterns developed during early childhood.

404. **Motor Development.** 3 hrs. A study of the motor aspects of the total human growth and development process.

410. **Physical Education and Recreation for the Educationally Disabled and Other Disorders.** 3 hrs. The development of concepts and knowledge of physical education programs for LD, MR, and ED.

411. **Physical Education and Recreation for the Crippled and Other Health Impaired.** 3 hrs. The development of concepts and knowledge for programs for CP, PH individuals.

412. **Sports Programs for the Disabled.** 3 hrs. Competitive sports programming and special techniques for preparing disabled individuals for participation.

415. **Motor Development Project.** 3 hrs.

420. **Practicum in Physical Education.** 1-6 hrs. arr. May be repeated for a total of six hours. Experiences in the various phases of the physical education program.

424. **Seminar in Elementary Physical Education.** 3 hrs. Prerequisites: PED 320 or 321.

426. **Organization and Administration of Health and Physical Education.** 3 hrs.

450. **Movement Experiences for Young Children.** 2 hrs.

451. **Techniques of Teaching Stunts, Tumbling, and Use of Apparatus.** 3 hrs.

490. **Physical Education and Recreation for the Handicapped.** 1-3 hrs.

PHYSICS (PHY—360)

101. **General Physics.** 3 hrs. A traditional course in physics intended for liberal arts and pre-medical students. (JC 2313, 2414)

101-L. **General Physics Laboratory.** 1 hr. Concurrent registration in PHY 101 is required.

102. **General Physics.** 3 hrs. Prerequisite: PHY 101. A continuation of PHY 101. (JC 2323, 2424)

102-L. **General Physics Laboratory.** 1 hr. Concurrent registration in PHY 102 is required.

105. **Applied Physics.** 3 hrs. Prerequisite: MAT 101. Basic concepts of mechanics, heat, and sound applying to industry and research.

105-L. **Applied Physics Laboratory.** 1 hr. Concurrent registration in PHY 105 is required.

106. **Applied Physics.** 3 hrs. Prerequisite: PHY 105. Basic concepts of light, electricity, and magnetism applying to industry and research.

106-L. **Applied Physics Laboratory.** 1 hr. Concurrent registration in PHY 106 is required.

201. **General Physics with Calculus.** 4 hrs. Corequisite: MAT 278. A rigorous course in physics recommended for physics majors. Required for engineering students. (JC 2514)

201-L. **General Physics with Calculus Laboratory.** 1 hr. Concurrent registration in PHY 201 is required.

202. **General Physics with Calculus.** 4 hrs. Prerequisite: PHY 201. A continuation of PHY 201. (JC 2524)

202-L. **General Physics with Calculus Laboratory.** 1 hr. Concurrent registration in PHY 202 is required.

327. **Electronics I.** 3 hrs. Prerequisite: PHY 102, 202, or 106. Fundamentals of vacuum and semiconductor devices with applications to scientific instrumentation.

327-L. **Electronics I Laboratory.** 1 hr. Concurrent registration in PHY 327 is required.

328. **Electronics II.** 3 hrs. Prerequisite: PHY 327. A continuation of PHY 327.

328-L. **Electronics II Laboratory.** 1 hr. Concurrent registration in PHY 328 is required.

331. **Thermodynamics.** 3 hrs. Prerequisite: PHY 102, 106, or 202. Temperature, thermodynamic systems, laws of thermodynamics, entropy.

331-L. **Thermodynamics Laboratory.** 1 hr. Concurrent registration in PHY 331 is required.

332. **Thermodynamics and Statistical Mechanics.** 3 hrs. Prerequisite: PHY 361.

341. **Optics.** 3 hrs. Prerequisite: Permission. Rays, refractive and reflective surfaces, len design, and the electromagnetic theory of light.

341-L. **Optics Laboratory.** 1 hr. Concurrent registration in PHY 341 is required.

350. **Mechanics.** 3 hrs. Prerequisite: Permission. Mathematical treatment of the dynamics of particles and rigid bodies.

351. **Mechanics.** 3 hrs. Prerequisite: PHY 350. A continuation of PHY 350.

361. **Physics of the Atom.** 3 hrs. Prerequisite: PHY 102, 106, or 202. Survey of atomic particles, radiation, and x-rays. Optical Spectra.

361-L. **Physics of the Atom Laboratory.** 1 hr. Concurrent registration in PHY 361 is required.

392. **Physics Special Problems.** 1-3 hrs. Prerequisite: Permission. Theoretical and experimental problems limited to junior and senior students.

421. **Electricity and Magnetism.** 3 hrs. Prerequisite: PHY 361. Vector analysis, electrostatistics, magnetostatics, and electromagnetic fields.

422. **Electricity and Magnetism.** 3 hrs. Prerequisite: PHY 421. A continuation of PHY 421.

423. **Electrical Measurements Laboratory.** 1 hr. Prerequisite: Permission.

435. **Principles of Microwave Systems.** 3 hrs. Prerequisite: Permission. Introduction to microwave theory, basic design of microwave systems.

444. **Acoustics and Hi-Fi.** 3 hrs. The study of all components comprising high-fidelity sound systems.

455. **Fluid Dynamics.** 3 hrs. Prerequisites: PHY 350 and MAT 405. A mathematical development of the physical principles governing fluid flow.

460. **Advanced Physics Laboratory.** 2 hrs. Prerequisite: Permission. Advanced experiments in modern physics.

461. **Modern Physics.** 3 hrs. Prerequisite: Permission. Relativity, quantum theory, spectroscopy, and atomic and nuclear structure.

462. **Modern Physics.** 3 hrs. Prerequisite: PHY 461. A continuation of PHY 461.

464. **Fundamentals of Solid State Physics.** 3 hrs. Prerequisite: Permission.

465. **Nuclear Physics.** 3 hrs. Prerequisite: Permission. Nuclear binding forces, chain reactions, and nuclear reactors.

485. **History and Literature of Physics.** 3 hrs. Prerequisite: PHY 102, 106, or 202. A survey of physics from the ancients to the present.

499. **Undergraduate Research.** 1-6 hrs. Prerequisite: Permission. An introduction to the methods of physical research.

POLITICAL SCIENCE (PS—280)

101. **American Government.** 3 hrs. (JC 1113)

220. **Introduction to Political Science.** 3 hrs. A survey of the general field of study of political science to prepare students for subsequent study in a specific subject and field. (JC 2213)

291. **Research in Political Science.** 1 hr.

301. **State and Local Politics.** 3 hrs.

302. **Current Problems in Government.** 3 hrs. A study of current problems before the national, state, and local governments at the time the course is taught.

303. **American Political Movements.** 3 hrs. A study of Afro-American, Old and New Left, Radical Right, Counter-Culture, and Feminist movements.

320. **Introduction to Political Theory.** 3 hrs. A survey of the principal political ideologies in the world today.

330. **United States Foreign Policy.** 3 hrs.

331. **Introduction to International Politics.** 3 hrs.

351. **Introduction to Comparative Government.** 3 hrs. A classification of selected political systems analyzed in the context of different economic and political cultures.

370. **Introduction to Public Administration.** 3 hrs.

375. **Government and Economics.** 3 hrs.

380. **Introduction to Law in American Society.** 3 hrs. A basic course to familiarize students with the court structure, the legal profession, and the role of law in American society.

381. **Introduction to Paralegalism.** 3 hrs. An introduction to the field of paralegalism including the history and scope of the profession.

382. **Legal Drafting and Civil Litigation.** 3 hrs. An introduction to the required content of basic legal documents and the mechanics of civil litigation.

383. **Legal Research.** 3 hrs. A summary of primary and secondary legal sources including reports, digests, statutes, citations, and other basic materials used in legal research.

389. **Internship in Paralegal Studies.** 1-9 hrs. Prerequisite: PS 381, 382, and 383 and permission of the director. The course is open only to paralegal majors and minors.

401. **Political Socialization.** 3 hrs. An analysis of the American political system on an advanced level.

402. **Urban Politics.** 3 hrs.

404. **The Legislative Process.** 3 hrs.

406. **Political Parties.** 3 hrs.

407. **Mississippi Government.** 3 hrs.

408. **The American Presidency.** 3 hrs. An analysis of the selection, role, power, and performance of the presidency.

409. **Southern Politics.** 3 hrs. An examination of the politics and political culture of the southern states.

420. **Political Theory to Locke.** 3 hrs.

421. **Political Theory Locke to Present.** 3 hrs.

425. **American Political Theory.** 3 hrs.

431. **International Organization.** 3 hrs.

432. **Foreign Policies of the Major Powers.** 3 hrs. An intensive analysis of the pattern of politics resulting from the formation of the two major power blocs and lesser blocs.

434. **Latin America in World Affairs.** 3 hrs. A study of hemisphere relations, with emphasis on the United States and Latin America, bilaterally and multilaterally.

435. **Comparative Foreign Policy.** 3 hrs.

450. **Comparative Studies in European Politics.** 3 hrs.

451. **Soviet Government and Politics.** 3 hrs.

452. **The Political Systems of Great Britain and the Commonwealth.** 3 hrs.

453. **Government and Politics in the Middle East.** 3 hrs.

455. **Government and Politics in Tropical Africa.** 3 hrs.

456. **Latin American Governments and Politics.** 3 hrs.

457. **Political Development.** 3 hrs. A comparative analysis of political change and modernization.

458. **Latin American Political and Economic Development.** 3 hrs.

459. **Federalism.** 3 hrs. An analysis of the theory and practice of political systems which are organized along federal lines.

471. **Public Personnel Administration.** 3 hrs.

472. **Organization and Management.** 3 hrs.

473. **Public Policy.** 3 hrs.

474. **The Politics of Taxing and Spending.** 3 hrs. Facets of budgetary administration, emphasizing federal and municipal budgets, theory and process.

480. **United States Constitutional Law.** 3 hrs.

481. **The American Judicial Process.** 3 hrs.

482. **Comparative Judicial Politics.** 3 hrs. Prerequisite: PS 480 or PS 481 or consent of instructor.

484. **Administrative Law.** 3 hrs.

485. **International Law.** 3 hrs.

489. **U.S. Supreme Court and Civil Liberties.** 3 hrs. An analysis of the role of the U.S. Supreme Court in protecting individual rights. Primary focus is on litigation involving provisions of the Bill of Rights.

491. **Proseminar in Political Science.** 3 hrs. Prerequisite: Consent of instructor. An undergraduate seminar devoted to topics selected by the supervising professor. May be repeated once for credit with change in content.

492. **Special Problems.** 1-3 hrs.

499. **Seminar in British Politics.** 3-6 hrs. Prerequisite: PS 351 or PS 452, or permission of instructor. A seminar conducted in Great Britain under the auspices of the Anglo-American Institute.

POLYMER SCIENCE (PSC—370)

(See also FORENSIC SCIENCE)

191. **The Polymer Industry I, II.** 2 hrs. each. An introduction to the history, recent developments, applications, and processing of polymers.

291. **The Polymer Industry III, IV.** 2 hrs. each. An introduction to the properties of major commercial polymers, raw material sources, and the organization of the polymer industry.

301. **Organic Polymer Chemistry I.** 3 hrs. Systematic study of polymers with emphasis centered on those synthesized by step-growth polymerization.

301-L. **Laboratory for Polymer Science 301.** 1 hr.

302. **Organic Polymer Chemistry II.** 3 hrs. A study of polymer formation techniques, kinetics, and properties with emphasis on addition polymerization, copolymerization, and stereoregular polymerization.

302-L. **Laboratory for Polymer Science 302.** 1 hr.

310. **Technical and Scientific Communication.** 1 hr. Training in the preparation of written and oral reports on scientific and technical problems.

330. **Structure of Materials.** 3 hrs. An introduction to the physical character of materials emphasizing the relationship of structure to fundamental composition.

350. **Polymeric Materials.** 3 hrs. Introduction to materials science. Comparison of structure and properties of polymers to non-polymeric materials.

360. **Polymer Rheology.** 3 hrs. Theory and practice.

361. **Polymer Processing I.** 3 hrs. Plastics extrusion technology and theory. Technical planning for plastics production. Material selection for plastic products. Trends in the plastics industry.

361-L. **Laboratory for Polymer Science 361.** 2 hrs.

370. **Surface Coatings Science I.** 4 hrs. Introduction to surface coatings.

371. **Surface Coatings Science II.** 4 hrs. Introduction to surface coatings. A continuation of PSC 370.

401. **Physical Chemistry of Polymers I.** 3 hrs. Polymer structure, chain conformation, solution properties, thermodynamics, fractionation, and molecular weight measurement.

401-L. **Laboratory for Polymer Science 401.** 1 hr.

402. **Physical Chemistry of Polymers II.** 3 hrs. Instrumental analysis of polymers, morphology, rheology, structure-property relationships.

402-L. **Laboratory for Polymer Science 402.** 1 hr.

412. **Introduction to Macromolecules.** 3 hrs. An introduction to the chemistry and physics of natural and synthetic high polymers.

430. **Plastics, Ceramics, Composites.** 3 hrs. A comparative study of the physical property behavior of non-metallic materials in pure form and in combination.

460. **Physical Properties of Polymers I.** 3 hrs. Mechanical and electrical properties of polymers as viscoelastic materials emphasizing the effects of time and temperature at constant stress levels.

460-L. **Laboratory for Polymer Science 460.** 1 hr.

461. **Physical Properties of Polymers II.** 3 hrs. Mechanical and electrical properties of polymers as materials emphasizing the effects of time and temperature at variable stress levels.

461-L. **Laboratory for Polymer Science 461.** 1 hr.

470. **Surface Coatings.** 4 hrs. Study of the physical and chemical properties of the pigments, binders, solvents, and additives employed in surface coatings; dispersion techniques, surface preparation, paint testing, application techniques, and surface coatings analysis are also discussed.

470-L. **Laboratory for Polymer Science 470.** 1 hr.

480. **Polymer Kinetics.** 3 hrs. Introduction to polymerization kinetics and reactor design.

490. **Special Projects in Polymer Science.** 1 hr. Individual research. Prospectus is prepared and research plan is executed with final report required.

490-L. **Laboratory for Polymer Science 490.** 3 hrs.

491. **Special Projects in Polymer Science.** 1 hr. Individual research. Prospectus is prepared and research plan is executed with final report required.

491-L. **Laboratory for Polymer Science 491.** 3 hrs.

PSYCHOLOGY (PSY—175)

110. **General Psychology.** 3 hrs. Open to freshmen. An introduction to the scientific study of human behavior and experience. (JC 1513)

231. **Mental Hygiene.** 3 hrs. Prerequisite: PSY 110. Understanding of the problems people face in our society, and the diverse ways in which they respond to these problems.

251. **Applied Psychology.** 3 hrs. Prerequisite: PSY 110. Application of psychological methods and principles to a number of occupational fields other than education.

310. **Advanced General Psychology.** 3 hrs. An advanced course in general psychology covering in greater depth selected topics. Required of all psychology majors.

320. **Experimental Psychology.** 3 hrs. Prerequisites: PSY 310 and 360. Introduction to experimental methodology and laboratory apparatus with application to various areas of psychology.

360. **Introduction to Statistics for the Behavioral Sciences.** 3 hrs. Probability, central tendency, variability, and correlation. Hypothesis testing with Z, t, chi-square, and F.

375. **Developmental Psychology.** 3 hrs. A study of the course of growth and development throughout the life span, with emphasis on principles of development. Students who take EPY 370 or 372 should not take this course.

418. **History and Systems of Psychology.** 3 hrs. Prerequisite: Permission of the instructor. Review of the history of psychology and intensive study of current systems of psychology. Primarily for senior psychology majors.

420. **Sensation and Perception.** 3 hrs. Prerequisite: PSY 320. A survey of sensory and perceptual processes with emphasis on the visual system.

422. **Psychology of Learning.** 3 hrs. Prerequisite: PSY 320. A study of the basic problems, theories, concepts, and research in the areas of human and animal learning.

424. **Animal Behavior.** 3 hrs. Prerequisite: PSY 320. Study of animal behavior with emphasis on the comparison of psychological processes along the phylogenetic scale.

426. **Physiological Psychology.** 3 hrs. Prerequisite: PSY 110. Relationships between physiological functions, especially those of the nervous system, and emotional behavior, motivation, and learning.

432. **Introduction to Behavior Modification.** 3 hrs. Prerequisite: Permission of instructor. Principles and techniques of behavior modification applied to normal and deviant behavior across environmental settings.

436. **Abnormal Psychology.** 3 hrs. Prerequisite: Permission of the instructor. Study of the major psychoneuroses, and mental deficiency; field trips, and demonstration clinics.

450. **Social Psychology.** 3 hrs. Prerequisite: PSY 110. Study of social influences on personality development and perceptual-cognitive processes and social motivation.

451. **Industrial Psychology.** 3 hrs. Prerequisite: PSY 110. (PSY 360 recommended.) Applications of psychological principles and methods to problems of industry.

455. **Psychology of Personality.** 3 hrs. Prerequisites: PSY 110 and permission of the instructor. Different theoretical approaches to the development of the mature personality.

456. **Psychology of Aging and Death.** 3 hrs. Study of problems and attitudes concerning aging and death.

462. **Psychological Measurement.** 3 hrs. Prerequisites: PSY 110 and 360. Theory, problems and techniques of psychological measurement.

492. **Special Problems in Psychology.** 1-6 hrs. Prerequisites: PSY 320 and consent of instructor.

493. **Field Experience in Psychology.** 1-3 hrs. Prerequisites: Twenty-four hours of psychology and permission of the instructor and department chairman. Opportunity for the student to observe and participate under supervision in the activities of one or several agencies providing psychological services.

497. **Interdisciplinary Seminar in Developmental Disabilities.** 3 hrs.

498. **Senior Thesis.** 3 hrs. Prerequisite: Permission of department chairman and instructor.

499. **British Studies.** 3-6 hrs.

RADIO-TELEVISION-FILM (RTF—220)

200. **Survey of Mass Communication.** 3 hrs.

270. **Film History and Criticism (1895-1945).** 3 hrs.

271. **Introduction to Film Production.** 3 hrs.

302. **Broadcast Journalism.** 3 hrs. Prerequisite: JOU 102 and completion of English requirements in core curriculum.

303. **Internship in Radio, Television, and Film.** 3-9 hrs. Prerequisites: Completion of all but 9 hours in major; **B** average in RTF courses; overall GPA of 2.5; consent of instructor and chairman.

310. **Radio Laboratory.** 1 hr.

311. **Radio Production.** 3 hrs.

320. **Announcing.** 3 hrs. Prerequisite: RTF 311.

330. **Broadcast Advertising.** 3 hrs.

340. **Introduction to TV Production.** 3 hrs.

360. **Broadcast Rules and Regulations.** 3 hrs.

370. **Contemporary Cinema.** 3 hrs.

371. **Basic Cinematography.** 3 hrs. Prerequisite: RTF 271.

375. **Film Editing.** 3 hrs. Prerequisite: RTF 371 or consent of instructor.

377. **Film Production Workshop.** 3 hrs.

407. **Theories of Mass Communication.** 3 hrs.

411. **Advanced Audio Production.** 3 hrs.

416. **Radio Station Management.** 3 hrs.

417. **Radio Production Workshop.** 2 hrs. Prerequisite: RTF 311.

418. **Practicum in RTF Field.** 3 hrs. Prerequisite: Consent of instructor.

425. **Audience Analysis.** 3 hrs.

431. **Advertising Management and Sales.** 3 hrs. Prerequisite: RTF 330.

440. **Advanced Television Production.** 3 hrs. Prerequisite: RTF 340.

442. **Writing for Radio-TV.** 3 hrs. Prerequisite: RTF 340.

447. **Television Production Workshop.** 3 hrs. Prerequisite: RTF 440.

448. **Seminar in Radio-TV.** 3 hrs.

460. **Issues in Broadcasting.** 3 hrs.

471. **Advanced Cinematography.** 3 hrs. Prerequisite: RTF 371 and consent of instructor.

472. **Writing for Television and Film.** 3 hrs.

474. **Techniques in Film Acting and Directing.** 3 hrs.

477. **Advanced Film Production Workshop.** 3 hrs. Prerequisite: Consent of instructor.

478. **Seminar in Film.** 3 hrs.

479. **French Cinema.** 3 hrs. An overview of French cinema screenings of contemporary French films for critical analysis and interpretations.

492. **Special Problems in Radio, Television, and Film.** 1-3 hrs. Prerequisite: Consent of instructor.

499. **British Studies: Comparative Mass Media.** 3-6 hrs. Prerequisite: Consent of instructor. Lecture and research in British and American mass media offered abroad under the auspices of the Institute of Anglo-American Studies.

REAL ESTATE AND INSURANCE (REI—617)

325. **General Insurance.** 3 hrs. Nature of risk, its measurement, and the insurance mechanism as a device for handling risk with reference to the principal types of coverage.

326. **Introduction to Actuarial Science.** 3 hrs. Compound interest theory, its application, and basic actuarial techniques of premium and reserve determination for life insurance and annuities.

330. **Real Estate Principles.** 3 hrs. An introduction to the field of real estate covering principles of law, valuation, management, financing, and brokerage of real estate.

334. **Residential Valuation.** 3 hrs. Prerequisite: REI 330. An introduction to the theory and practice of residential real estate valuation.

340. **Real Estate Law.** 3 hrs. Prerequisite: GBA 295. The law of real property and the law of real estate brokerage.

345. **Property Management.** 3 hrs. Prerequisite: REI 330. The economics of location, finance, marketing, and law as it relates to property management.

425. **Life Insurance.** 3 hrs. Prerequisite: REI 325. Types of policies and their uses; contract provisions; actuarial and legal aspects; settlement options.

432. **Real Estate Finance.** 3 hrs. Prerequisite: REI 330. A study of the sources of real estate funds and analytical techniques for investment decision making.

434. **Income Property Valuation.** 3 hrs. Prerequisite: REI 330. Emphasis on the income approaches to real estate valuation.

445. **Property and Liability Insurance.** 3 hrs. Prerequisite: REI 325. Fire, consequential loss, theft, automobile, general liability, and workmen's compensation insurance.

450. **Health Insurance.** 3 hrs. Prerequisite: REI 325. Disability risk with its economic consequences and the various health insurance coverages available to meet it.

460. **Real Estate Development.** 3 hrs. Prerequisite: REI 330. An analysis of real estate development in the private sector.

470. **Real Estate Brokerage.** 3 hrs. Prerequisite: REI 330 and permission of instructor. An experiential course concerning the management of brokerage operation and the listing and merchandising of real property.

RECREATION (REC—735)

Service Activity Courses—The following are activity courses offered on a grade or pass-fail basis. REC 180 through 187 will fulfill the University physical education requirements.

180. **Skeet and Trap Shooting.** 1 hr.

182. **Marksmanship Instructors Course.** 1 hr.

183. **Pioneering.** 1 hr.

184. **Canoeing.** 1 hr.

185. **Family Camping.** 1 hr.

186. **Freshwater Fishing.** 1 hr.

187. **Saltwater Fishing.** 1 hr.

Career Courses—The following are career courses offered to meet requirements for a major in recreation leading to a Bachelor of Science degree.

188. **Hobbycraft.** 1 hr. Explores various craft projects using both simple and specialized materials and skills.

189. **Naturecraft.** 1 hr. Arts and crafts program utilizing natural materials.

200. **Man's Search for Leisure.** 3 hrs. A study of the evolution of leisure and lesiure service programs.

203. **The Literature of Recreation.** 3 hrs. A course to introduce recreation majors to the various areas of specialization.

210. **Practicum in Recreation I.** 1 hr. Initial field experience in area of specialization.

211. **Practicum in Recreation II.** 1 hr. Observational experiences in areas of specialization.

212. **Practicum in Recreation III.** 1 hr. Practical field experiences as aide in area of specialization.

+ 300. **Recreational Scuba.** 2 hrs. Provides competent diving instruction to meet increased demand for aquatic recreation.

301. **Adventure Training.** 2 hrs. To develop student proficiency in land and water navigation, marksmanship, and survival techniques.

322. **Theory of Recreation Programming.** 3 hrs. Procedures and methods involved in planning and organizing a comprehensive recreation program.

323. **Theory of Recreation Leadership.** 3 hrs. Methods, techniques, and materials for directing individuals in group activities.

341. **Camper Counseling, Administration, and Operation.** 3 hrs. Objectives, activities, methods, administrative and operational policies of organized camps.

342. **Outdoor Recreation.** 3 hrs. The recreational use of outdoors, with emphasis on education, emerging trends and problems.

350. **Introduction to Therapeutic Recreation.** 3 hrs. Introduction to theory, practice, philosophy and role of TR in community and institutions.

402. **Seminar in Recreation.** 1 hr. A seminar course designed to examine pertinent issues and current practices in recreation.

410. **Physical Education and Recreation for the Educationally Disabled and Other Behavioral Disorders.** 3 hrs. The development of concepts and knowledge of physical education and recreation programs for L.D., M.R. and E.D.

411. **Physical Education and Recreation for the Crippled and Other Health Impaired.** 3 hrs. The development of concepts knowledge for programs for C.P. and P.H. individuals.

412. **Sports Programs for the Disabled.** 3 hrs. Competitive sports programming and special techniques for preparing disabled individuals for participation.

413. **Organization and Administration of Public Recreation.** 3 hrs. Designed to study the organization and administration of public recreation agencies and their policies.

415. **Business Procedures for Parks and Recreation.** 3 hrs. A study of specific business procedures and administrative policies.

417. **Park Management and Operation.** 3 hrs. The operational techniques and managerial principles of efficient administration.

422. **Youth Service Programs.** 3 hrs. The responsibilities, relationships, organization, administration, and activities of youth agencies.

424. **Community Playgrounds Programs and Operation.** 3 hrs. The administration, programs, and operation of playgrounds and community centers.

426. **Community-School Recreation.** 3 hrs. A comprehensive overview of community recreation with emphasis on inter-relationships of public schools.

432. **Environmental Aspects of Recreation.** 3 hrs. The interrelationships between recreational and available resources.

434. **Park Development and Design.** 3 hrs. The application of design and planning concepts to outdoor recreation areas and facilities.

436. **Park and Recreation Planning.** 3 hrs. Fundamental principles and methodologies dealing with proper identification, allocation, and use of resources.

441. **Resources Management and Policy.** 3 hrs. The techniques, procedures, and policies affecting management of natural resources.

443. **Outdoor Education.** 3 hrs. A study of outdoor education, specifically its philosophy, programs, methods, and resources. Organization, programming, and conducting of programs and activities in institutions.

447. **Interpretation of Cultural and Natural Resources.** 3 hrs. The interpretive process as applied to natural and cultural resources.

451. **Therapeutic Recreation Programming.** 3 hrs. The organization, programming, and conducting of programs and activities in institutions.

452. **Gerontology and Recreation for Later Years.** 3 hrs. The aging process and special needs, problems, opportunities, and activities of older people.

490. **Physical Education for the Handicapped.** 3 hrs. Theoretical aspects and practical applications of physical education and recreation for the handicapped.

491. **Recreation Education for Teachers.** 3 hrs. Programs and benefits of recreation and leisure to motivate leaders who serve in educating individuals.

492. **Outdoor Recreation Seminar.** 3 hrs. A practical and philosophical introduction to the use of outdoors.

494. **Field Problems.** 1-6 hrs. Prerequisite: Permission of department chairman. Practical experiences dealing with problem situations in the field.

495. **Internship in Recreation.** 9 hrs. Internship under the direct supervision of a field professional.

497. **Interdisciplinary Seminar in Developmental Disabilities.** 3 hrs.

RELIGION (REL—288)

ANT 316. **Biblical Archeology.** May also be offered for credit as a religion course.

ANT 412. **Mythology and Folklore.** May also be offered for credit as a religion course.

ANT 434. **Primitive Religion.** May also be offered for credit as a religion course.

131. **Introduction to Religion.** 3 hrs. The study of religion as an aspect of human culture with attention to both Christian and non-Christian religions.

330. **Religion in Society.** 3 hrs. A study of religion in society and its interaction with and relation to other social values.

333. **The Jewish Tradition.** 3 hrs. A study of the major themes and history of the Jewish religion.

335. **The Life of Jesus.** 3 hrs. A study of the major themes and history of the Christian religion.

340. **Afro-American Religion.** 3 hrs. The study of the origin, development, and current status of the religious beliefs and practices of Afro-Americans.

435. **Religions of the Near East.** 3 hrs. A survey of Judaism, Islam, and Zoroastrianism.

436. **Mysticism.** 3 hrs. A study of the major themes and issues of religious mysticism—East and West.

490. **Contemporary Religious Problems.** 3 hrs. An examination of specific problems within the broad spectrum of contemporary religious concern.

492. **Special Problems.** 1-3 hrs. Directed individual study. May be taken for a total of nine (9) hours.

RESEARCH AND FOUNDATIONS (REF—125)

(Educational Foundations)

336. **Principles of Guidance.** 3 hrs. Deals with the fundamental philosophy, methods, and organization of guidance services in the public schools.

400. **Public Education in the United States.** 3 hrs. An orientation to teaching as a profession. To be taken the last semester of the sophomore year.

+ 416. **Utilization of Audiovisual and Media Equipment.** 3 hrs. A general course for teachers with emphasis upon use, production and selection of sound and visual classroom media.

421. **Seminar for Teaching Interns.** 9 hrs. Open to intern teachers only.

425. **Instructional Styles and Models in Media Programs.** 3 hrs.

426. **Film and Television in Media Programs.** 3 hrs.

430. **Teaching in the Space Age.** 1-3 hrs. A study of the influence of aerospace developments on society.

436. **Designing Educational Systems for Individualized Instruction.** 3 hrs. Emphasizes systems approach to individualizing instruction. Designed for teachers and library-media personnel.

469. **Tests and Measurements.** 3 hrs. Prerequisites: EPY 370, 372, or 374, and senior standing. Considers evaluative practices in education.

490. **Instructional Television Workshop.** 3 hrs. Planning, organizing, presentation, and use of instructional television. Emphasis on Mississippi's state program.

491. **School Media Center Administration Workshop.** 3 hrs.

494. **Field Problems.** 3 hrs. Prerequisite: Approval of department chairman.

SCIENCE EDUCATION (SCE—380)

432. **Science for Elementary Teachers.** 3 hrs. Prerequisites: FS 131, 132, 133, 134, or 12 semester hours of science.

435. **Marine Science for Elementary Teachers.** 3 hrs. Prerequisite: Permission of instructor.

441. **Methods of Teaching the Metric System.** 3 hrs. Lectures and exercises in measurements using the International System of Units.

453. **Earth and Environmental Science for Intermediate School Teachers.** 3 hrs. Prerequisite: Earth and environmental science background or permission of the instructor.

454. **Biological Sciences for Intermediate School Teachers.** 3 hrs. An examination of subject matter, techniques, and methods for teaching the life sciences.

455. **Physical Science for Intermediate School Teachers.** 3 hrs. An examination of the subject matter, techniques, and methods for teaching physical sciences.

456. **Techniques in Marine Science Education.** 3 hrs. Marine resources of Mississippi.

457. **Marine Science for Teachers.** 3 hrs. Prerequisites: SCE 456 or permission. Advanced topics in marine science.

470. **Biology for Secondary Teachers.** 3 hrs. Prerequisite: Permission of instructor. An examination of the techniques and methods for teaching biology.

471. **Chemistry for Secondary Teachers.** 3 hrs. Prerequisite: Permission of instructor. Designed to familiarize teachers with materials, methods, and techniques.

472. **Physics for Secondary Teachers.** 3 hrs. Prerequisite: Permission of instructor. A course to familiarize teachers with content, methods, materials, and techniques.

492. **Special Problems.** 1-3 hrs. arr. A problem study to be approved by the department chairman.

SOCIOLOGY (SOC—292)

101. **Introduction to Sociology.** 3 hrs. Prerequisite to all other sociology courses. Designed to give a general overview of the perspectives, concepts, and methodology of sociology. (JC 2113)

230. **Introduction to Social Work.** 3 hrs. An introduction to the purpose, methods, and philosophy of contemporary social work. Open to persons in other disciplines. (JC 1143, 2163)

240. **Social Problems.** 3 hrs. A study of representative contemporary problems, with emphasis on causes which arise from cultural patterns and social change. (JC 2123, 2133)

300. **Social Organization.** 3 hrs. The structure and functioning of social groups, organizations and institutions including processes of cooperation, conflict and change.

310. **Urban Sociology.** 3 hrs. An analysis of the nature of urban society and the factors shaping it, including the influence of urban ecology and ecological processes.

311. **Rural Sociology.** 3 hrs. A study of the structure, institutions, and social processes of rural society, and of the effect of urbanization on rural society.

314. **The Family.** 3 hrs. An analysis of the structure and functions of the family as an institution and the factors making for family change.

320. **Theoretical Foundations of Social Work.** 3 hrs. A study of the concepts and theory utilized in social work practice with individuals, groups, and communities.

330. **Methods of Social Case Work.** 3 hrs. Prerequisite: SOC 230. A study of the principles of social case work.

331. **Methods of Social Work II.** 3 hrs. A study of techniques and methods of carrying out practice in group and community settings.

340. **Deviant Behavior.** 3 hrs. How conceptions of deviance originate and persist through the process of social interaction, with emphasis on societal reactions to deviance and the adaptation of deviants to society.

341. **Criminology.** 3 hrs. A study of causes, treatment, and prevention of crime. Deals with criminology, penology, and criminal legislation.

350. **Sociology of Minorities.** 3 hrs. An analysis of socio-cultural factors in minority-majority relationships and their social and psychic implications.

355. **Collective Behavior and Social Movements.** 3 hrs. A study of the ways in which collective behavior and social movements relate to socio-cultural change.

421. **Special Sociological Topics.** 3-9 hrs. Variable content. May be repeated three times in separate topical offerings.

423. **Sociology of Health.** 3 hrs. An analysis of the field of health and health care delivery from a sociological perspective.

424. **Social Gerontology.** 3 hrs. A survey of demographic, social and cultural aspects of aging with particular emphasis upon American society and the problems encountered by older persons.

426. **Sociology of Education.** 3 hrs. A comprehensive study of the educational institution, its relationship to the community and society.

433. **Field Work Practicum.** 3-9 hrs. arr. Designed to provide the student with practical field experiences in a career-oriented area.

444. **Juvenile Delinquency.** 3 hrs. A study of causes and the nature of juvenile delinquency, the development of the juvenile court, probation, and other rehabilitative programs.

450. **Social Psychology.** 3 hrs. A treatment of the role of the social group and the cultural heritage in the development and functioning of the human personality.

460. **Quantitative Methods.** 3 hrs. A survey of quantitative research techniques used in empirical social investigations.

461. **Population.** 3 hrs. An introduction to demography, analyzing significant changes in population composition.

462. **Methods of Social Research.** 3 hrs. Research designs, types of research, methods of observation and data collection, specialized techniques.

471. **Social Institutions.** 3 hrs. A detailed study of major American social institutions, their functions, interrelationships, and significant trends.

475. **Social Stratification.** 3 hrs. Research and theory in social differentiation, class, status, power, and mobility. Analysis of inequality and the effects of socioeconomic status upon behavior and social organization.

480. **Advanced General Sociology.** 3 hrs. An advanced course in general sociology giving expanded treatment to the basic sociological concepts and subject-matter areas.

481. **History of Social Thought.** 3 hrs. An examination of early social thought, tracing the development of western thought and ideas from Hammurabi to Comte.

482. **Sociological Theory.** 3 hrs. A survey of the growth and development of sociological theory from Comte to the present.

492. **Special Problems.** 1-3 hrs. To be used to pursue specialized interests for which courses are not offered.

499. **British Studies.** 3-6 hrs. Variable content. Lecture series and research offered abroad under the auspices of the Institute of Anglo-American Studies.

SPECIAL EDUCATION (SPE—190)

200. **Practicum in Special Education.** 1 hr. Observational methods with the handicapped. To be taken with SPE 400 or by special arrangement.

201. **Practicum in Special Education.** 1 hr. Teacher aide work with severely involved handicapped. To be taken with SPE 401.

202. **Practicum in Special Education.** 1 hr. Mini lessons and teacher aide work with the handicapped. To be taken with SPE 433 (early childhood) or SPE 433 (secondary/adult).

400. **The Psychology and Education of the Exceptional Child.** 3 hrs. An introduction to exceptional populations and procedures and policies relating to their education and citizenship.

401. **Methods and Materials for the Multiply, Profoundly, and Severely Handicapped.** 3 hrs. Program and curricula development for children with severe learning problems to include the retarded, deaf-blind, and physical-medical deficiencies.

402. **General Methods in Special Education.** 3 hrs. The development of conceptual and writing skills associated with individual educational programs for the handicapped, materials, and media techniques.

403. **Educational Evaluation of Exceptional Children.** 3 hrs. Prerequisite: REF 469. Basic principles underlying measurement and evaluation in education with emphasis on interpretation as it relates to exceptional children.

411. **Language Development for the Handicapped.** 3 hrs. An introduction to language processes and common deficits related to the handicapped.

420. **Structure and Function of the Eye.** 3 hrs. Indentification, function, and care of the eye as it relates to the visually handicapped.

421. **Methods and Materials in Teaching Visually Handicapped.** 3 hrs. A study of practices commonly used in education programs, including Braille, space orientation, special materials, and organizations.

422. **Braille.** 3 hrs. A skill course in communication through Type 2 Braille.

423. **Teaching of Braille.** 3 hrs. Prerequisite: SPE 422 or equivalent. Developing methods for teaching Braille to visually handicapped to include reading, mathematics, and production abilities.

424. **Mobility Training for the Visually Handicapped.** 3 hrs. An introduction to mobility, movement, and spatial awareness for the visually handicapped.

425. **Psychology and Education of the Visually Handicapped.** 3 hrs. A study of social-emotional and cognitive learning factors of the visually handicapped.

427. **Physically Handicapped and Other Health Impaired.** 3 hrs. A study of major handicapping conditions associated with physical and health impairments and their educational implications.

428. **Methods for Teaching the Physically Handicapped and Other Health Impaired.** 3 hrs. Educational programs, counseling techniques, and least restrictive alternative placements for the physically handicapped.

429. **Curriculum and Mobility Training for the Physically Handicapped.** 3 hrs. General curricula development and specific demonstration and simulations in mobility training.

430. **Learning Disabilities.** 3 hrs. Prerequisite: SPE 400 or permission. A study of social, emotional, physical, and learning characteristics of specific learning disabilities.

431. **Individual Programming for Educationally Handicapped: Pre-Academic Levels.** 3 hrs. Methods and materials and individual educational planning for pre-academic level retarded, specific learning disabled and mildly emotionally disturbed.

432. **Individual Programming for Educationally Handicapped: Elementary Levels.** 3 hrs. Methods and materials and individual educational planning for elementary level retarded, specific learning disabled and mildly emotionally disturbed.

433. **Individual Programming for Educationally Handicapped: Secondary and Adult Levels.** 3 hrs. Methods and materials and individual educational planning for secondary retardation, specific learning disabilities, and mild emotionally disturbed.

440. **Mental Retardation.** 3 hrs. Prerequisite: SPE 400 or permission. A study of social, emotional, physical, and intellectual charactistics of the mentally retarded.

450. **Introduction to Behavioral Disorders.** 3 hrs. A basic study of personality and social deviation commonly found with school age pupils to include etiologies, programming, and service deliveries.

451. **Behavioral Management: Handicapped.** 3 hrs. Methods of affective development, control, and resources in behavioral problems with the handicapped.

465. **Characteristics of the Gifted and Talented.** 3 hrs. Study of gifted populations to include characteristics, learning modes, and assessment procedures.

466. **Basic Methods and Materials in Gifted/Talented Education.** 3 hrs. Curricula building activities for teachers in programs for the gifted.

470. **Organizational Procedures in Special Education.** 3 hrs. Study of alternative modes in educating handicapped, legal aspects, and administrative policies and processes.

\+ 481. **Student Teaching: Educationally Handicapped.** 9 hrs.

\+ 482. **Student Teaching: Visually Handicapped.** 3-12 hrs.

\+ 483. **Student Teaching: Physically Handicapped.** 3-12 hrs.

\+ 484. **Student Teaching: Gifted and Talented.** 9 hrs.

\+ 486. **Student Teaching: Hearing Impaired.** 3-12 hrs.

489. **Seminar in Special Education of Student Teaching.** 1-6 hrs. In-service student teaching designed for experienced teachers who have demonstrated their interest and ability as classroom teachers.

490. **Workshop in Special Education.** 1-3 hrs.

492. **Special Problems in Special Education.** 1-3 hrs. A consideration of special interest areas in the field of exceptional children.

497. **Interdisciplinary Seminar in Developmental Disabilities.** 3 hrs.

SPEECH AND HEARING SCIENCE (SHS—296)

101. **Orientation to Speech and Hearing Science.** 1 hr.

201. **Phonetics.** 3 hrs.

202. **Fundamentals of Speech and Hearing Science.** 3 hrs.

211. **Introduction to Communication Disorders.** 3 hrs.

221. **Introduction to Audiology.** 3 hrs.

310. **Student Teaching: Observation.** 1 hr. First clinical and student teaching experience for speech pathology majors.

311. **Student Teaching: Clinical Practium.** 1 hr. Clinical work in assessing children in speech and audiology.

401. **Language and Speech Development.** 3 hrs.

402. **Anatomy and Physiology of the Hearing Mechanism.** 3 hrs.

403. **Anatomy and Physiology of the Speech Mechanism.** 3 hrs.

410. **Methods and Program Design in Communicative Disorders.** 3 hrs.

411. **Articulation Disorders.** 3 hrs. Prerequisites: SHS 201, 211.

412. **Diagnostic Procedures in Speech Pathology I.** 3 hrs. Prerequisites: SHS 211, 411.

413. **Voice Disorders.** 3 hrs. Prerequisites: SHS 211, 403.

414. **Stuttering and Related Problems.** 3 hrs. Prerequisites: SHS 211.

415. **Speech and Language Disorders of the Cerebral Palsied.** 3 hrs. Prerequisites: SHS 211, 403.

416. **Adult Aphasia and Related Problems.** 3 hrs. Prerequisites: SHS 211, 403.

417. **Speech and Language Disorders Related to Cleft Palate.** 3 hrs. Prerequisites: SHS 211, 403.

418. **Advanced Clinical Methods.** 3 hrs. Prerequisite: Permission of instructor.

419. **Organic Disorders of Speech.** 3 hrs. Prerequisites: SHS 202, 403, 411.

420. **Middle Ear Measurement.** 3 hrs. Prerequisites: SHS 221, 402.

421. **Aural Rehabilitation.** 3 hrs. Prerequisite: SHS 221.

422. **Diagnostic/Prescriptive Teaching of the Hearing Impaired.** 3 hrs. Prerequisite: Senior standing or permission of instructor.

423. **Basic Sign Language.** 2 hrs. For non-Education of the Deaf majors.

424. **Methods of Communicating with the Hearing Impaired.** 3 hrs. For Education of the Deaf majors only. May be repeated once for credit.

425. **Psycho-Social Factors Associated with Hearing Impairment.** 3 hrs. Prerequisite: Consent of instructor.

426. **Secondary School Methods and Curriculum for Hearing Impaired Children.** 3 hrs. Prerequisites: SHS 433, SHS 438.

427. **Anatomy, Physiology and Research in Speech, Hearing, and Language for the Hearing Impaired.** 3 hrs.

428. **Clinical Audiology I.** 3 hrs. Prerequisite: SHS 221.

430. **Speech Pathology and the Hearing Impaired Child.** 3 hrs.

431. **Language Disorders I: Assessment of Children with Language Disorders.** 3 hrs. Prerequisite: SHS 401.

432. **Language Disorders II: Habilitation of the Aphasic Child.** 3 hrs. Prerequisites: SHS 401.

433. **Developing Language Skills with the Hearing Impaired.** 3 hrs.

434. **Learning Strategies for the Multi-Handicapped Hearing Impaired Child.** 3 hrs. Prerequisites: EPY 374, SPE 400, SHS 433, 437 or permission of instructor.

435. **Developing Oral/Aural Communication in Hearing Impaired Children.** 3 hrs.

436. **Developing Reading in the Hearing Impaired.** 3 hrs. Prerequisite: SHS 433 or consent of instructor.

437. **Introduction to Education of the Hearing Impaired.** 3 hrs.

438. **Problems in Academic Subjects for the Hard-of-Hearing and Deaf.** 3 hrs.

439. **Education of Preschool Hearing Impaired Children.** 3 hrs. Prerequisite: SHS 221. Practicum required.

492. **Special Problems.** 1-3 hrs.

497. **Interdisciplinary Seminar in Developmental Disabilities.** 3 hrs.

499. **British Studies: Comparative Problems in Speech and Hearing Science.** 3-6 hrs.

SPEECH COMMUNICATION (SCM—216)

100. **Human Communication.** 3 hrs. An overview of the field of human communication, including interpersonal, small group, organizational, and mass communication.

111. **Oral Communication.** 3 hrs. Communication principles and practice in the preparation and delivery of public speeches. (JC-SPT 1113)

112. **Argumentation and Debate.** 3 hrs. Theory and practice in inquiry and advocacy involving analysis, reasoning, organization and presentation of oral arguments for decision making. (JC 1123, 2133)

210. **Voice and Diction.** 3 hrs. Instruction in phonetics, the relationship between speech and social roles, and the development of a standard English dialect. May be taken in concert with SCM 300-L Oral Language Laboratory. (JC-SPT 1153)

300-L. **Oral Language Laboratory.** 1 hr. An oral language laboratory to help students develop effective, standard English speech. Includes individual speech analysis and voice and diction pattern practice. Not to be counted as satisfying the Liberal Arts core. May be taken in concert with SCM 210 Voice and Diction. May be repeated for up to three hours credit.

305. **Interpersonal Communication.** 3 hrs. A course designed to improve students' competence in and understanding of interpersonal relationships.

310. **Forensics.** 1 hr. May be repeated for three hours credit. For participation in Inquiry and Advocacy, USM's public debate program.

311. **Persuasion.** 3 hrs. Study of classical and contemporary theories and strategies of persuasion with applications to public address, advertising, and public relations.

312. **Interviewing Principles and Applications.** 3 hrs.

315. **Advanced Public Speaking.** 3 hrs.

320. **Business and Professional Speaking.** 3 hrs. A course to develop student skills in a broad group of special communication skills pertinent to the world of work, e.g., running meetings, making technical reports, and group problem solving.

330. **Small Group Communication.** 3 hrs. Provides students with the basic skills and principles of communication pertinent to the small problem-solving group.

350. **Nonverbal Communication.** 3 hrs. An examination of the varieties of nonverbal communication and their role as context for speech communication.

403. **Political Communication.** 3 hrs. A comprehensive study of the role of communication in political campaigns and in the general political process.

410. **Organizational Communication I: Theory and Process.** 3 hrs. A survey of approaches to the study of organizational communication and aspects of the communication process within organizations.

411. **Managing the Forensics Program.** 3 hrs.

417. **Practicum.** 3 hrs. May be repeated twice. Students are placed in an organization or institution, usually off campus, in which they work and closely observe communication. Includes research on a relevant topic and a final report.

420. **Organizational Communication II: Assessment and Training.** 3 hrs. A survey of methods for determining the quality and kind of communication within organizations and training methods for improving organizational communication.

450. **Seminar in Speech Communication.** 3 hrs. An examination of various theories of speech communication and various settings for their application. May be repeated for up to 6 hours credit.

490. **Theories of Speech Communication.** 3 hrs. A survey of theoretical perspectives on speech communication, e.g., psychological, rhetorical, linguistic, and human relations.

492. **Special Problems.** 1-3 hrs. Directed research in a topic of interest to the student.

CIS 459. **Methods in Speech Communication.** 3 hrs. A general orientation to the teaching of speech communication, followed by individualized unit work in the special fields of speech communication.

THEATRE (THE—685)

103. **Introduction to Theatre.** 5 hrs. (3 hrs. lecture and 2 hrs. laboratory (JC-SPT-1213.) An introduction to the principles of theatre, with involvement in the rehearsal, production and performance process as they apply to major departmental productions.

111. **Fundamentals of Oral Interpretation.** 3 hrs. General educational approach to the art as a means of communicating literary content. (JC-SPT-2143)

115. **Voice for the Actor I.** 3 hrs. Vocal methods and techniques for use in the theatre.

120. **Fundamentals of Acting.** 5 hrs. (JC-SPT-1233)

200. **Stagecraft.** 5 hrs. Introduction to scenographic theory and techniques with practical application. (JC-SPT-2223)

201. **Introduction to Costume and Makeup.** 5 hrs. Introduction to theatrical costume and makeup theory with its practical application.

215. **Voice for the Actor II.** 3 hrs. Prerequisite: THE 115. Continuation of THE 115 plus introduction to stage dialects.

240. **Mime and Pantomime.** 2 hrs.

301. **Reader's Theatre.** 3 hrs. Prerequisite: THE 111. Theories and problems of presenting prose, poetry, and drama in group performances.

304. **Intermediate Makeup.** 3 hrs. Painted character makeup.

306. **Introduction to Scenery and Lighting.** 5 hrs. Prerequisites: THE 200, 201. Theory and practice in the utilization of stage scenery and lighting with daily involvement in their practical application to major departmental productions.

310. **Intermediate Acting.** 3 hrs. Continuation of THE 120.

315. **Voice for the Actor III.** 3 hrs. Prerequisites: THE 115 and THE 215 or permission from instructor. Vocal techniques for the singing actor.

320. **Directing.** 3 hrs. Prerequisites: THE 120 and 200.

361. **Stage Combat.** 2 hrs. Using fundamental techniques of fighting with or without weapons to create the illusion of combat for the stage. May be repeated one time.

401. **Costume Design.** 3 hrs.

406. **Scenic Design.** 3 hrs. Elements of Scene Design. Play analysis in terms of visualization and style, and the mechanics of developing an effective stage setting.

410. **Stage Sound Engineering.** 3 hrs. Principles and practice in stage sound engineering.

411. **Advanced Oral Interpretation.** 3 hrs. Special problems related to the oral interpretation of poetry and prose.

412. **Stage Lighting.** 3 hrs. Theory and application of general and special lighting, color, instrumentation, and control.

414. **Creative Dramatics.** 3 hrs. Fundamentals of organizing and developing creative dramatics activities for preschool and elementary age school children.

415. **Fundamentals of Children's Theatre.** 3 hrs. Methods and techniques of producing plays for elementary school age children.

417. **Advanced Acting.** 3 hrs. Prerequisite: THE 120, 125, 310.

420. **Advanced Directing.** 3 hrs. Prerequisite: THE 320.

427. **Theatre History I.** 3 hrs.

428. **Theatre History II.** 3 hrs. A continuation of THE 427.

429. **Dramatic and Performance Theory.** 3 hrs. Examination and evaluation of dramatic and performance theory from antiquity.

430. **Summer Theatre I.** 3 hrs. Concentrated applied theatre.

431. **Summer Theatre II.** 3 hrs. A continuation of THE 430.

433. **Design Studio I.** 3 hrs. Rendering commonly used theatrical materials.

434. **Design Studio II.** 3 hrs. Scenographic techniques.

435. **Advanced Scene Design.** 3 hrs. Prerequisite: THE 306 or consent of instructor. The techniques of scene design as applied to non-realistic stage settings.

445. **Advanced Stage Lighting.** 3 hrs.

459. **Musical Theatre Production.** 3 hrs. Study of the different forms and styles of Musical Theatre with special attention to the various elements of production.

460. **Costume Design Studio.** 3 hrs. Projects in designing costumes for plays, opera, and dance. Emphasis placed on costume designs as an element in a total production concept.

461. **Advanced Theatrical Makeup.** 3 hrs. Projects in makeup design and execution. Emphasis placed on three-dimensional makeup techniques for theatre, television, and film.

471. **Performance Internship.** 3 hrs. Professional experience in residence with approved professional organizations.

480. **Directing Children's Theatre.** 3 hrs. The techniques of directing, organizing, and administering a children's theatre program.

481. **Repertory Theatre.** 9 hrs. Participation in the analysis and preparation of the performances of three plays in repertory.

483-L. **Practicum in Scene Design and Technical Theatre.** 1-3 hrs. May be taken for a total of nine (9) hours.

484-L. **Practicum in Lighting and Sound Engineering.** 1-3 hrs. May be taken for a total of (9) hours.

485-L. **Practicum in Reader's Theatre and Oral Interpretation.** 1-3 hrs. May be taken for a total of nine (9) hours.

486-L. **Practicum in Creative Dramatics and Children's Theatre.** 1-3 hrs. May be taken for a total of nine (9) hours.

487-L. **Practicum in Dance and Movement.** 1-3 hrs. May be taken for a total of nine (9) hours.

488-L. **Practicum in Acting and Directing.** 1-3 hrs. May be taken for a total of nine (9) hours.

489-L. **Practicum in Costume and Makeup.** 1-3 hours. May be taken for a total of nine (9) hours.

490. **Theatre Workshop.** 3 hrs. Designed for the non-theatre major (i.e., English, speech, music, etc.) who is responsible for directing school or community drama activities.

497. **Interdisciplinary Seminar in Developmental Disabilities.** 3 hrs.

THERAPY (THY—740)

411. **Seminar in Corrective Therapy.** 1 hr. An introductory seminar for students interested in careers in Corrective Therapy.

421. **Clinical Experience.** 1-4 hrs. arr. A supervised internship in various habilitation, rehabilitation, or neuropsychiatric clinics. May be repeated.

454. **Neurological Concepts and Implications in Human Functioning.** 3 hrs. A review of the central nervous system and pathology as related to muscular control and diseases that limit normal human functioning.

455. **Pathological Concepts and Implications in Human Functioning.** 3 hrs. A review of dynamic disease processes that affect body functioning with an emphasis on those diseases which affect the major organs or systems related to motor functions.

461. **Corrective Therapy and Rehabilitation Medicine.** 2 hrs. An introduction to the basic concepts and considerations necessary for effective functioning in the clinical setting.

462. **Spinal Cord Injuries and Muscle Disorders.** 2 hrs. A review of normal and abnormal functioning of the motor pathways with emphasis on evaluation and rehabilitation of specific motor disorders and spinal cord injuries.

463. **Normal Human Locomotion.** 2 hrs. An indepth analysis of normal human locomotion and its impact on ambulation training, prosthesis gait deviations, and blind mobility training.

464. **Cardiovascular and Respiratory Disorders.** 2 hrs.

471. **Accelerated Corrective Therapy Rehabilitation Ward Program.** 2 hrs. An introduction to the basic concepts and treatment procedures used in accelerated rehabilitation ward programs.

472. **Dynamics of Psychiatric Group Rehabilitation Programs.** 2 hrs. The complexities in directing neuropsychiatric group activities.

473. **Neuro-Psychiatric Geriatric Training.** 2 hrs. An introduction to the multi-problem areas of communication with motivating and treating the geriatric, neuro-psychiatric patient.

474. **Programs for the Severly Disturbed Psychiatric Patient.** 2 hrs. An introduction to the problems of treating the psychiatric patient in a locked ward setting.

497. **Interdisciplinary Seminar in Developmental Disabilities.** 3 hrs.

TOXOLOGY (385)

470. **Survey of Toxicology.** 3 hrs. Prerequisite: CHE 352. A one-semester survey course in toxicology.

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[1]Leave of absence, 1982-1983
[2]Leave of absence, Fall Semester
[3]Leave of absence, Spring Semester
[4]Retiring—Jan. 31, 1983
[5]Resigned—Dec. 31, 1982

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JULY

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AUGUST

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			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

SEPTEMBER

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

OCTOBER

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

NOVEMBER

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

DECEMBER

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

CALENDAR 1985

JANUARY

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

FEBRUARY

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		

MARCH

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

APRIL

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

MAY

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

JUNE

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

JULY

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

AUGUST

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

SEPTEMBER

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

OCTOBER

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

NOVEMBER

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

DECEMBER

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

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